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Season of 1931



HASKELL IMPLEMENT AND SEED COMPANY



20-24 Chapel St.

LEWISTON, MAINE

20-24 Chapel St

Read Carefully Before Ordering

All prices in this catalogue, owing to uncertain market conditions, are subject to change without notice. Should there be a drop in the market on any article (listed in this catalogue) at time of purchase, we will gladly give the customer the benefit of the reduction. This policy applies to all grain, grass, vegetable and flower seeds as well as all other items quoted herein. WE DELIVER all Vegetable and Flower Seeds when bought at the packet, ounce, or $\frac{1}{4}$ pound prices, but when seeds ordered are listed in pounds, postage should be added at the rate of 8 cents per pound. Each additional pound add 1 cent. Insurance 3 cents. In all other cases goods will be SHIPPED F. O. B. LEWISTON.

No charge for packing, unless otherwise stated. Bags will be charged for as follows: 2 bushel bags, 30 cents; $\frac{1}{2}$ bushel bags, 20 cents; peck bags, 15 cents; $\frac{1}{2}$ peck bags, 10 cents.

We give no warranty expressed or implied, as to description, quality or productiveness of our seeds, and in sending them out, will in no way be responsible for crops or lack of satisfactory product from our seeds. If the purchaser does not accept the goods on these terms, we must be notified at once, when we will give full instructions for disposition of such goods. This is the invariable rule of reliable business houses.

We do, however, purchase our seeds from reputable growers and employ every means, taught us from years of successful dealing in seeds, to insure proper grading and purity. Seeds are tested by our experts before offering them for sale, so we are as reasonably sure of their germination as nature and science permits of assurance.

PARCEL POST INFORMATION ON PAGE 11

NOTE—We would deem it a great favor if our customers, or those wishing to remain on our mailing list, thereby receiving our catalogue, would inform us of change in address.

"GOOD EQUIPMENT MAKES A GOOD FARMER BETTER"

Haskell Implement & Seed Co.

20-22-24 CHAPEL STREET

LEWISTON, MAINE

New England Telephone

Private Line 27

Foreword

Dealing with the farm, as a problem or by privilege, becomes a task regardless of the classification. Modern methods and modern machinery are a means by which pleasure becomes a part of the reward. For some, it is a vocation, while others seek it as an avocation, but both receive the great good that comes to any man who stirs up the soil, and plants the seeds of productivity. No greater respect comes to those who toil than does the farmer receive. With sincere appreciation of his object in life, this catalog comes to you each year, not only for its advertising purpose but for the information and help that it will give you.

Its purpose is to present modern merchandise, reasonably priced, illustrated and described in such a way that you will understand it. Covering as it does FLOWER and VEGETABLE SEEDS, POULTRY and DAIRY EQUIPMENT, FARM and GARDEN MACHINERY and other sundry items. Long experience and careful research are the underlying principles of the selection. This policy has been followed with few variations since the establishment of the business in 1870.

There comes to every concern, which is made up of a group of associates, whose record of service indicate a following to their liking, that there is in their daily dealings with a large number of customers, a signal of thankfulness.

There is no concern of the long standing that the HASKELL IMPLEMENT & SEED COMPANY enjoys, that does not, many more times than the patron has knowledge of, feel deep gratitude for their favors large and small.

Therefore, it is only fair to be frank in expressing that appreciation in as strong words as it is the privilege of selection.

Coupled with this spirit is the wish to be considerate, fair and honest in the dealings between customer and company.

CALLIOPSIS. A half hardy annual of quick growth, doing well in almost any location, and blooming throughout the season. It is exceedingly showy and of easiest culture.Pkt., .10

Dwarf MixedPkt., .10

CAMPANULA. Hardy perennial. These grand old flowers are of easiest culture, and one of the most attractive. Sow seed in the open the last of June or first of July, and transplant. They will bloom the following spring if protected over winter.

Medium. Old fashioned Canterbury Bell.

MixedPkt., .10

CANNA. **Indian Shot.** Annual. The luxuriant foliage and superb flower of the Cannas, especially of the new French and Italian races, easily places them foremost among our sub-tropical plants.

Crozy's Newest Mixture.....Pkt., .10



Candytuft

CANDYTUFT. Showy, hardy annuals, growing about a foot in height. Excellent for bouquets.

Carmine.....Pkt., .10

Empress WhitePkt., .10

MixedPkt., .10

CARNATIONS—Marguerite—The earliest of all Carnations, blooming in July or August if sown in spring and continuing till frost. Being half-hardy perennials, a slight protection of coarse straw or pine boughs will preserve them during winter and they will flower profusely the next summer, or they may be potted to bloom during the winter in the house. The flowers are large, about eighty per cent. usually coming double; beautifully fringed and clove-scented.

Giant White.....Pkt., .10

Giant Rose.....Pkt., .10

Giant Red.....Pkt., .10

Giant Mixed.....Pkt., .10

CENTAUREA. **Flowering Annuals.** Giant Corn Flower. The flowers are of enormous size; and of the most charming colors, including white, pink, lilac, rose and purple. They are among our best summer flowers for cutting.

Dark Blue.....Pkt., .10

Cyanus—Bachelor's Buttons, mixed.....Pkt., .10



Centaurea Cyanus

CELOSIA, or Coxcomb. Showy annuals of easy cultivation; producing large, brilliant, comb-like flower heads. They prefer a light soil, and should not be allowed to become crowded if a dwarf habit is desired.

Tall Mixed.....Pkt., .10

CHRYSANTHEMUM (Annual Varieties)

Showy, hardy annuals of easiest cultivation and blooming early in summer. They are most desirable for sea-shore and mountain garden. Height, 2 feet.

Double MixedPkt., .10



HASKELL IMPLEMENT AND SEED CO. LEWISTON MAINE



CHRYSANTHEMUM (Annual Varieties)

COBOEA SCANDENS. Tender Annual. A fine rapid growing climber with handsome foliage and large, bell-shaped flowers, green at first but rapidly changing to a beautiful, deep violet-blue. Seed should be planted on edge in hot bed or rather dry soil and barely covered.Pkt., .10

CONVOLVULUS MAJOR—Tall Morning Glory. Hardy annual. The most popular and widely grown climber for covering verandas, trellises, etc.

Finest MixedPkt., .10

Japanese Morning Glory.....Pkt., .10

CYPRESS VINE. Ipomoea Quamoclit. Very graceful twining annuals with feathery dark green foliage and star-like flowers. Twenty feet.

Scarlet.....Pkt., .10

COSMOS. Annual. This is one of our most useful and beautiful autumn flowers. To get it in bloom early, the seed should be sown in May in the open ground where the plants are desired to bloom, and the seedlings allowed to grow and flower without being transplanted.

Finest MixedPkt., .10

DAHLIA. This popular flower can be easily raised from seed and flowered the same season. The roots should be placed in dry sand and kept in a cellar where there is no frost during the winter.

Finest MixedPkt., .10

DELPHINIUM—Perennial Larkspur. One of the most beautiful of the perennials. They are of easy culture and of vigorous growth.

The New Hollyhock Strain. Height, 3 to 4 feet.
Pkt., .10

DIGITALIS. Foxglove. Biennial. Old-fashioned hardy plants producing spikes of thimble-shaped flowers, often two feet long.

Gloxinae flowered. MixedPkt., .10



Cosmos

DIANTHUS. Annual. Chinenses. Double Chinese Pinks. Finest MixedPkt., .10

Hedderwigii (Japan Pinks). Single. First-class selected. MixedPkt., .10



Chinese Pinks

DOLICHOS LABLAB. (Hyacinth Bean.) Annual. Purple. 10 feet.Pkt., .10

GAILLARDIA. Blanket Flower Perennial. Daisy-like flowers in various shades of yellow with dark brown centers. Blooms the entire season.

Finest MixedPkt., .10

ESCHSCHOLTZIA. California Poppy. The bright colors, long duration and dwarf habit of these free-blooming, hardy annuals, admirably adapt them for massing and border planting. Height, 1 foot.

California Alba—WhitePkt., .10

YellowPkt., .10

MixedPkt., .10

GOURDS. Luxuriant, climbing annuals, useful in covering arbors, fences or slopes, and bearing gourds which are of interesting forms and colors. 10 to 15 feet.

MixedPkt., .05

GYPSOPHILA. Infant's Breath. Annual. Free flowering, hardy plants, extremely light and graceful, easy of cultivation, and most useful for bouquet and cut-flower work. Height, 18 inches.

MixedPkt., .10

PERENNIAL INFANTS BREATH. Fine for bouquets. Blooms first year from seed if sown early.

WhitePkt., .10



HASKELL IMPLEMENT AND SEED CO. LEWISTON MAINE



HELICHRYSUM. Everlasting Flower. Showy annuals for beds or borders; useful as dried flowers for winter bouquets, for which use the blooms should be cut before they are fully open, and hung up to dry with the flowers downward if stiff stems are desired. Height, 2 feet.

Double Mixed.....Pkt., .10



Helianthus

HELLANTHUS. Sunflower. Hardy annual. The large varieties are useful in forming backgrounds of large beds or borders and for distant effects, while the smaller sorts may be planted with scarlet Salvia, Cannas and other tall bedding plants, besides being excellent for cutting.

Double Mixed.....Pkt., .10

HOLLYHOCK. Hardy Biennial. This ever popular hardy favorite of our gardens has very few rivals in majestic grandeur. Hollyhocks succeed best in rich, well-drained soil. They should be lightly protected during winter with pine boughs, coarse straw, or other mulch not liable to rot. Seeds sown in July produce fine plants for blooming the following summer. 6 to 8 ft.

Chaters Strain. Double finest mixed. Pkt., .10



Heliotrope

HELIOTROPE. Delightfully fragrant greenhouse perennial; excellent for bedding or indoor cultivation and particularly useful for cutting.

Giant. Newest large flowering varieties mixed. Pkt., .10

HUMULUS JAPONICA. Japanese Hop. Splendid annual climber of fast growth and very ornamental. 12 ft.Pkt., .10

KOCHIA TRICHOPIILA. (Standing or summer Cypress.) Splendid ornamental annual of unusually quick growth, forming regular pyramids of about 3 ft. in height. The slender-leaved plants are of a cypress-like appearance during the summer, changing their light-green foliage to carmine and blood-red colorings. The plant, also called "Burning Bush," is of great value when planted singly or in groups, as well as for pot culture. 3 ft.Pkt., .10

Larkspur. Splendid hardy annuals with showy flowers borne on long spikes; white, lilac, and all shades of blue; excellent for cutting. Height, 18 inches.

Double Tall. Branching or stock flower mixed. Pkt., .10

LOBELIA. Annual. The *Erinus* varieties are most valuable for edgings, hanging baskets and vases, blooming profusely from June till frost.

Crystal Palace Compacta. The darkest blue. Pkt., .10

LUPINUS—Hardy Lupines. A hardy, showy perennial with long spikes of flowers. Fine for cutting.

Finest Mixed.....Pkt., .10

MARIGOLD. *Tagetes*. These handsome half-hardy annuals when well grown cannot be surpassed either in mixed borders or when grouped together. They succeed best in moderately rich soil and in open situations, and are strongly recommended where a gorgeous display in the autumn is an essential feature.

African—Double tall yellow.....Pkt., .10

African—Double tall mixed.....Pkt., .10

French—Double tall mixed.....Pkt., .10



Forget-Me-Not

MYOSOTIS—Forget-Me-Not. Dwarf, half-hardy perennials, bearing a profusion of little, star-shaped flowers. They thrive best in rather moist, shady situations. Most of them will bloom the first year from seed if sown early.

Palustris—True Forget-Me-Not. Dark blue, very beautiful; profuse flowering. Pkt., .10

MARVEL OF PERU—Four O'clock. An old-fashioned, sweet-scented annual of various colors. Useful for beds or borders. Height, 2 ft.

MixedPkt., .10



Mignonette

MIGNONETTE. Reseda Odorata. The most fragrant annual, prized as much for forcing in winter as for the summer garden. The seed should be sown early and the plants as they grow, thinned sufficiently to allow them to branch. The beds should be liberally watered during dry weather.

Parsons's White.....Pkt., .10

Machet, RedPkt., .10

Sweet Scented Mixed.....Pkt., .10

NASTURTIUMS—Dwarf varieties mixed.

Tom Thumb, or Dwarf. These hardy annuals are of easiest cultivation; succeeding best in rather light soil, withstanding heat and drought and flowering profusely from June or July until cut down by severe frost, usually well into November. The dark-leaved varieties are particularly adapted for ribbon beds and borders, the brilliant flowers contrasting admirably with the bronzy foliage. Height, 1 foot.

Finest Mixed. Our special mixture of the finest sorts, in great variety of color.

Pkt., .10; oz., .15; 1-4 lb., .45

NASTURTIUMS—Tall or Climbing.

Besides their ordinary garden use for trailing over fences, trellises, stone walls, etc., these can also be grown as pot plants for winter flowering, as screens or as trailers for hanging baskets and vases; 8 to 12 feet. Finest Mixed.....Pkt., .10; oz., .15; 1-4 lb., .45

NICOTIANA Affinis—Annuals.

Sylvestris. A splendid new variety with glaucous leaves and large pendants, pure white, tube-shaped flowers; a very stately plant. Pkt., .10

PAPAYER or Poppy. Annual varieties, showy, hardy annual of the easiest cultivation and embracing many rich and beautiful colors. The seed should be sown early in spring where intended to bloom.

Shirley—Finest mixed. A most charming race of single Poppies with shining flowers of silky texture, varying in color from pure white and delicate pink to rosy carmine and deep crimson; many of them being beautifully striped and edged with white. The blooms if cut when young will keep in water for two or three days. Height, 2 ft. Pkt., .10

Double Carnation Mixed.....Pkt., .10

Perennial Varieties. These large flowered kinds are very imposing with their fiery blooms which are sometimes six inches across.

Oriental. Orange Scarlet with black center. Pkt., .10

PETUNIA. The Petunia is popular because it is of easiest cultivation, blooms from early summer continuously until frost and is one of the most showy and free-growing annuals. Height, 12 to 15 inches.

Single Flowering Petunia

Hybrida—Finest MixedPkt., .10

Fimbriata—Fringed, Single Mixed.....Pkt., .15

Rosy Morn. Pink, with white throat. Fine for bedding.....Pkt., .10

Double Flowering Petunia

Double Fringed—Extra Large.....Pkt., .20



Nasturtium

PHLOX DRUMMONDI. This is one of the finest annuals, being hardy, easy of cultivation and making as a summer bedding plant an effective and brilliant display. The flowers are of large size, finely rounded form, and with well-defined eyes. The colors are superb.

Grandiflora Finest MixedPkt., .10



HASKELL IMPLEMENT AND SEED CO.

LEWISTON MAINE



PHLOX. Perennial. Another of the old-fashioned flowers. Grows from 2 to 3 feet high, with large heads of fragrant blossoms.

Mixed Pkt., .10

PORTULACA. Charming dwarf annuals for sunny situations or light soils, producing flowers of most brilliant colors in great profusion. Height, 6 inches. Grandiflora Plenissima—Double Mixed.....Pkt., .10 Grandiflora—Fine Single Mixed.....Pkt., .10

PHYSALIS. Chinese Lantern. A hardy perennial grown for its scarlet seed pods, which are easily dried for winter bouquets. Easily grown.Pkt., .10

RICINUS. Castor Oil Plant. Tender annuals of rapid and gigantic growth, producing enormous dark green or bronze-colored palmate leaves; excellent for sub-tropical beds, or for massive foliage effects on lawns or backgrounds.

Zanzibariensis. Mixed. A new and distinct race from East Africa, producing leaves of enormous size, varying in color from light green to purplish red. Height, 15 feet.Pkt., .10

SALPIGLOSSIS. Half-hardy annuals; elegant late summer flowering plants of great diversity in color; beautifully penciled in rich tints of yellow, purple and brownish red. Of easy culture.

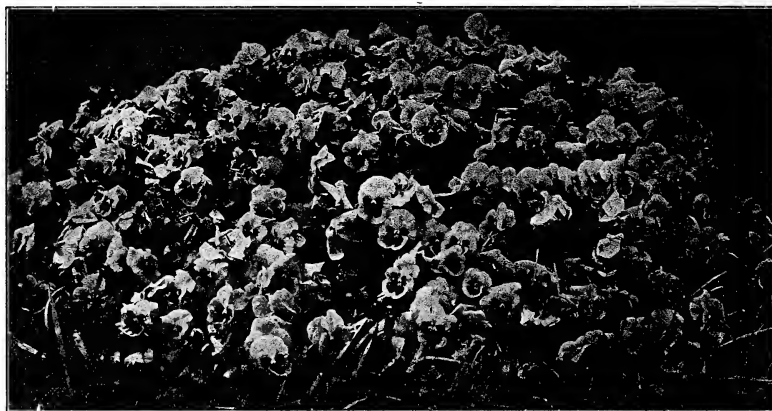
Grandiflora—Finest Mixed.....Pkt., .10

SALVIA. Flowering Sage. Very ornamental; flowers borne in spikes of fiery red, crimson or blue, and continue in bloom in open ground until after severe frosts. Start in heat and transplant into light soil one or two feet apart. Tender perennials, but bloom the first season. Height, 2 ft. to 3 ft.

Splendens—ScarletPkt., .10

SCABIOSA. Mourning Bride. Hardy annual. Handsome summer border plant, producing splendid flowers in all colors on long stems, making them ideal cut flowers which keep for a week in water. 2-2½ ft. Finest MixedPkt., .10

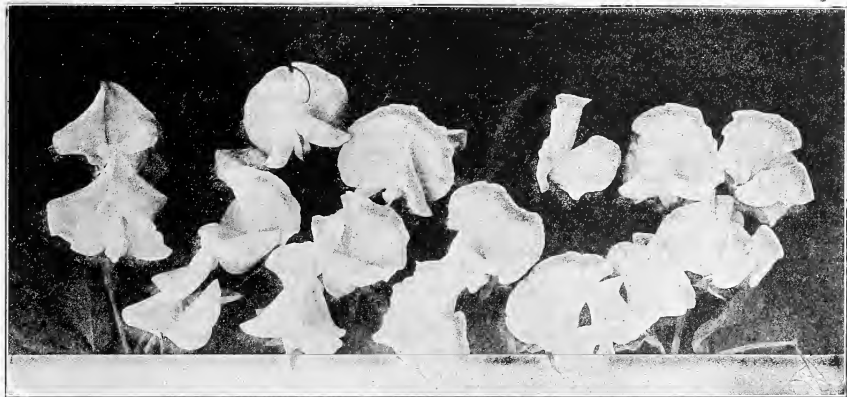
SWEET WILLIAM. Dianthus Barbatus. Showy, hardy biennials of easiest culture; admirable for clumps among shrubs or borders. Height, 18 inches. Hunt's Perfection Mixed.....Pkt., .10



PANSIES

Pansy, or Heartsease. Too much importance cannot be attached to the culture of these beautiful plants, flowering as they do in great abundance for several months. When sown in the early spring a good display in most cases can be had in the following fall, but the best results are not obtained by so doing. To obtain fine blooms it is better to sow during summer and transplant the seedlings in cold frames in September, protecting during the winter with mats or shutters. Pansies delight in a cool, moist, well drained soil, enriched with decomposed barn-yard manure. They should never be allowed to suffer for want of water.

Giant Blue.....Pkt., .10 Giant Purple.....Pkt., .10 Giant White.....Pkt., .10 Giant Ruffled Mixed,
Giant Black.....Pkt., .10 Giant Yellow.....Pkt., .10 Giant Mixed.....Pkt., .10 Pkt., .15



SWEET PEAS

SWEET PEAS
Sweet Peas well deserve the place they have earned in the hearts of all lovers of flowers. Their beauty and fragrance, together with their vigorous growth and the ease with which they are grown, make them one of the most popular of garden annuals. They will thrive in any garden and bear all summer an abundance of beautiful fragrant flowers of many wonderful shades and tints. Our Sweet Peas are unsurpassed in selection, purity and vitality.

CULTURE

Early in spring make a trench three to four inches deep in rich, mellow soil, so arranged that no water can stand in it, and plant the seed in the bottom, covering at first only one inch deep. In soils at all heavy, or composed largely of clay, put about one inch of sand in the bottom of the trench and sow the seed on this, covering with more sand. Cover the row with a board to shed the rain and protect the soil from the hot sun, but remove this as soon as the young plants appear.

When the plants are two inches high, cultivate, and as they grow, gradually fill up the trench. When the plants are about five inches high it is desirable to furnish some support for the vines to run upon, preferably a wire netting firmly supported by stakes to prevent sagging, but strings or brush are often used with satisfactory results.

The roots should not be allowed to become too dry. Water applied thoroughly once or twice a week, preferably early in the morning or in the evening, is usually better than light sprinkling more frequently.

The blooms should be picked before they form pods, or the plants will soon stop flowering.

SPENCER VARIETIES

The Spencers are of exceptionally large size, the standard and wings waved or frilled and the general effect remarkably graceful and attractive. The plants are of vigorous growth and remain in bloom for a longer period than the ordinary sorts. They are produced abundantly on long stems, making them most desirable for cutting.

Asta Ohn. Suffused lavender, sometimes with pinkish tinge.

Countess. Bright, clear pink, sometimes darker toward the edges; very large with long stems. One of the very best.

Florence Morse. White with pink edge.

Helen Lewis. Rich orange.

King Edward. Brilliant crimson scarlet; very large size and of open form.

Nubian. Beautiful deep maroon. One of the most reliable of the maroon shades of Spencers.

White. Pure white. Beautifully waved and fluted. Very large size.

Mixture. A very fine assortment of the best varieties. Separate Colors.....10 per Pkt., .20 oz.
Mixture10c per Pkt., .20 oz., .75 ¼ lb.

For larger, better and
more Sweet Pea Blossoms,
inoculate the seed with
Stimugerm



Sweet Peas (Continued)

GRANDIFLORA SWEET PEAS. These are large handsome flowers, very fragrant and somewhat earlier than the Spencer varieties, but the petals are not waved like them.

Haskell's Peerless Mixture. We invite comparison of our mixture with any and all others, no matter under what name or at how high a price offered, and are certain a trial will demonstrate the superiority of our **Peerless Mixture**.

Pkt., .10; Oz., .15; ¼ Lb., .35; ½ Lb., .60; Lb., \$1.00

STOCK—Gilliflower. Half hardy annual. The charming colors, delightful fragrance and free-blooming character of the Stocks have made them favorite plants for both summer and winter cultivation. They are very effective for beds and borders, and their handsome spikes are invaluable for bouquets and floral decorations.

Large-Flowering, Double Ten-Week Varieties. Highest grade, pot-grown seed. The best variety for early summer blooming, producing massive pyramidal flower spikes of brilliant colors and delightful fragrance. Height, 1 foot.

PinkPkt., .10
WhitePkt., .10
Finest MixedPkt., .10

VERBENA. The Verbena is one of the most decorative and easily grown bedding plants. If started in heat in March the seedlings begin to bloom in June and continue until frost. Plants raised from seeds are stronger and flower more freely than those grown from cuttings. Half-hardy perennials. Height, 1 foot.

Hybrida—Mammoth mixed.....Pkt., .10
Hybrida—Extra selected, dark blue.....Pkt., .10
Hybrida Candissima, white.....Pkt., .10

VIRGINIA CREEPER (or American Woodbine)

Though a common native climber, this is one of the best plants for covering unsightly objects, or it may be easily trained into festoons of exceeding grace and beauty.

Pkt., .10

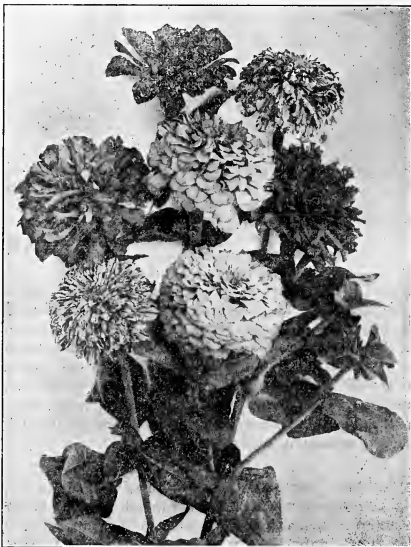
WALL FLOWER. Perennial. Deliciously fragrant and combine many shades of color; the orange, purple and chocolate predominating; tender perennial, 1 ½ feet.

Double MixedPkt., .10

WILD CUCUMBER. Hardy, vigorous climber, with very pretty seed-pods, large seeds; to be shown in the open ground in autumn. 20 feet. Pkt., .10

XERANTHEMUM. Profuse blooming hardy annuals with "Everlasting" flowers; useful for winter bouquets; colors pure white and deep purple. Height, 18 inches.

Finest Double Mixed.....Pkt., .10



Zinnia

ZINNIA. The double flowering Zinnias (Zinnia elegans fl. pl.), are among the finest annuals blooming from July till frost. The flowers are large, handsome, and in a variety of colors. Of easy cultivation in common garden soil. Seed should be started in heat and transplanted. Our seed of these beautiful flowers is saved from the finest collection in France.

Double Mixed.....Pkt., .10

MIXED FLOWER SEEDS FOR WILD GARDENS

A splendid mixture of more than one hundred kinds of flower seeds at a low price. Pkt., .10





SUPERIOR VEGETABLE SEEDS

GENERAL LIST—Parcel Post Information

Parcel Post rates now apply to all seeds, bulbs and plants and are subject to the same rates as all other merchandise. 1st and 2d Zones include all places within the distance of 150 miles of Lewiston.

Rates of Postage for 4th Class Merchandise

Zone Distances	Zones	First Pound	Each Additional Pound
Lewiston and Rural Delivery,		.07	\$.00 ½ up to 70 Lbs.
Within 150 Miles,	1st and 2d	.07	.01 up to 70 Lbs.
150 to 300 Miles,	3d	.08	.02 up to 50 Lbs.
300 to 600 Miles,	4th	.09	.04 up to 50 Lbs.
600 to 1000 Miles,	5th	.10	.06 up to 50 Lbs.
1000 to 1400 Miles,	6th	.11	.08 up to 50 Lbs.
1400 to 1800 Miles,	7th	.13	.10 up to 50 Lbs.
*1800 Miles and over,	8th	.14	.12 up to 50 Lbs.

*Includes non-contiguous possessions.

PLANTING TABLE

Showing Quantity of Seeds or Number of Plants Required for a Row 100 Feet in Length, with Distance to Plant and Time for Planting

Kind of Vegetable	Seed or Pl'ts Required for 100 ft. of row	Distance for Plants to Stand Hand Cultivation		Depth of Planting	Time of Planting in Open Ground	Ready for Use After Planting
		Rows Apart	Plants Apart in Rows			
Asparagus, seed.....	1 ounce	1 to 2 ft.	3 to 5 in.	1 to 2 in.	Early Spring	3 to 4 years
Asparagus, plants.....	60-80 plants	12 to 24 in.	15 to 20 in.	3 to 5 in.	Early Spring	2 to 3 years
Beans, bush.....	2 pounds	18 to 24 in.	3 to 4 in.	1 to 2 in.	April to July	40 to 65 days
Beans, pole	1 pound	3 to 4 ft.	3 to 4 ft.	1 to 2 in.	May and June	50 to 80 days
Beets	2 ounces	12 to 18 in.	5 or 6 to ft.	1 to 2 in.	April, May and June...	90 to 120 days
Cabbage, early.....	½ ounce	24 to 30 in.	12 to 18 in.	½ in.	April and May. (Start hot-bed during Mar.)	90 to 130 days
Cabbage, late.....	½ ounce	24 to 36 in.	16 to 24 in.	½ in.	May and June	90 to 130 days
Carrot	1 ounce	18 to 24 in.	6 or 7 to ft.	½ in.	April to June.....	75 to 110 days
Cauliflower	½ ounce	24 to 30 in.	14 to 18 in.	½ in.	April to June. (Start hot-bed during Mar.)	100 to 130 days
Corn, sweet	1 pound	30 to 36 in.	30 to 36 in.	1 to 2 in.	May and June.....	90 to 120 days
Cress	½ ounce	12 to 18 in.	4 or 5 to ft.	½ to 1 in.	Mar. to May. Apr. to Jun.	30 to 40 days
Cucumber	½ ounce	4 to 6 ft.	4 to 6 ft.	1 to 2 in.	May to July.....	80 to 100 days
Endive	1 ounce	18 in.	8 to 12 in.	½ in.	May	90 to 110 days
Kohl-rabi	½ ounce	18 to 24 in.	4 to 8 in.	½ in.	April to June.....	60 to 90 days
Lettuce	½ ounce	12 to 18 in.	4 to 6 in.	½ in.	April to August.....	60 to 90 days
Melon, muskmelon.....	1 ounce	6 to 8 ft.	Hills 6 ft.	1 to 2 in.	May and June.....	120 to 150 days
Melon, watermelon.....	1 ounce	8 to 12 ft.	Hills 10 ft.	1 to 2 in.	May and June.....	100 to 120 days
Mustard	½ ounce	12 to 18 in.	4 or 5 to ft.	¼ in.	April and May.....	60 to 90 days
Onion, seed.....	1 ounce	12 to 18 in.	4 or 5 to ft.	½ to 1 in.	April and May.....	130 to 150 days
Onion, sets.....	1 qt. of sets	12 to 18 in.	4 or 5 to ft.	1 to 2 in.	March to May.....	90 to 120 days
Parsley	1 ounce	12 to 18 in.	3 to 6 to in.	½ in.	Early spring.....	90 to 120 days
Parsnip	1 ounce	18 to 24 in.	5 or 6 to ft.	½ to 1 in.	April and May.....	125 to 160 days
Peas	2 pounds	30 to 36 in.	15 to ft.	2 to 3 in.	March to July.....	60 to 90 days
Pepper	½ ounce	18 to 24 in.	15 to 18 in.	½ in.	May and June.....	100 to 120 days
Potato, Irish	5 lbs. (or 9 bu. per acre)	24 to 36 in.	14 to 18 in.	4 in.	April to June.....	80 to 140 days
Pumpkin	1 ounce	8 to 12 ft.	Hills 8-12 ft.	1 to 2 in.	May to July.....	100 to 140 days
Radish	1 ounce	12 to 18 in.	8 to 12 to ft.	½ to 1 in.	March to September...	20 to 40 days
Rhubarb, plants.....	33 plants	3 to 5 ft.	3 ft.	2 to 3 in.	Early spring	1 to 3 years
Rutabaga	1 ounce	18 to 24 in.	6 to 8 in.	½ in.	May and June.....	60 to 80 days
Spinach	2 ounces	12 to 18 in.	7 or 8 to ft.	1 to 2 in.	Sept. or early spring...	40 to 60 days
Squash, bush	1 ounce	3 to 4 ft.	Hills 3 to 4 ft.	1 to 2 in.	May and June.....	70 to 90 days
Squash, late.....	1 ounce	7 to 10 ft.	Hills 7 to 9 ft.	1 to 2 in.	May and June.....	120 to 160 days
Turnip	1 ounce	18 to 24 in.	6 or 7 to ft.	¼ to ½ in.	May to July.....	60 to 80 days



SUPERIOR VEGETABLE SEEDS

ASPARAGUS

German,—Gpargel.

Spanish,—Esparragos.

A convenient bed is about six feet wide, with a path two feet wide on each side. This will require six rows one foot apart, and a bed of that width, 50 feet, will be ample for an ordinary family requiring about one pound of seed. It will require about three years from the time of sowing until the bed is in full bearing, but once established, it is good for twenty years. It should be sown in drills one foot apart, and when the plants are four or five inches high they should be thinned out so that the plants will be nine inches apart from each other in all the rows. Great care must be taken for the first year to keep down all weeds as soon as they appear, else they will choke and destroy the young seedling Asparagus. The deeper the soil and the more manure used, the greater will be the crop.

Asparagus Roots

A saving of one or two years is effected by planting roots. These offered below are strong, two-year-old roots, and the proper size for testing. These roots are not carried in stock but will be shipped direct from the growers. Prices on the following varieties will be quoted on application.

Columbia, Mammoth White, Conover's Colossal, Barr's Mammoth and Palmetto.

BEANS

Dwarf or Bush

German,—Bohnen French,—Haricot
Spanish,—Frijole nano

Two pounds to 100 feet in drills or 150 hills; two bushels to the acre in drills.

A succession of sowing can be made from the first week in May until August. Plant in drills about two inches deep, and from eighteen inches to two feet apart, according to the richness of the soil; the poorer the soil the closer they can be planted. The seeds should be dropped about two inches apart.

Add .08 per Lb.; each additional pound add .01 if to be sent by mail.

French,—Asperge.

One ounce for 60 feet of drill.

Conover's Colossal. The best known and one of the most desirable sorts.

Pkt., .10; oz., .20; 1-4 lb., .60

Palmetto. Shoots are very large and light green, also tender and very desirable for the market and home garden. Very quick in growth, with close, round-topped shoots.

Pkt., .10; oz., .20; 1-4 lb., .60



Improved Golden Wax Beans

Black German Wax. (Black Seed.) Very early; round, yellow pods; a well-known standard sort.

Pound, .35; Two Pounds, .60; Fifteen Pounds, \$3.50
Curries' Rust-proof Wax. Pods long, flat and straight, very productive and rust-proof; black seed.

Pound, .35; Two Pounds, .60; Fifteen Pounds, \$3.50
Improved Golden Wax. Rust proof. An improvement on the old Golden Wax. The pod is somewhat round, meaty and entirely rust-proof.

Pound, .35; Two Pounds, .60; Fifteen Pounds, \$3.50.

Green Pod Varieties

Stringless Green Pod. The pods are green, not quite as round as Valentine and less curved. The pods are stringless—absolutely—this quality at once placing the variety at top of the list among table beans.

Pound, .35; Two Pounds, .60; Fifteen Pounds, \$3.50

Long Yellow Six Weeks. Pods are long, flat, straight green.

Pound, .35; Two Pounds, .60; Fifteen Pounds, \$3.50

Low's Champion. Very productive, with stringless, large flat green pods. Excellent either as a string or shell bean.

Pound, .35; Two Pounds, .60; Fifteen Pounds, \$3.50

Dwarf Horticultural. Pods are of medium length, slightly curved, and when nearly developed are freely splashed with bright red on the yellow skin. The green shell beans are of good size, tender, and of fine flavor.

Pound, .35; Two Pounds, .60; Fifteen Pounds, \$3.50

Burpee's Bush Lima. The only Bush form of the true large Lima. Bushes grow to eighteen inches in height and always erect.

Pound, .35; Two Pounds, .65; Fifteen Pounds, \$4.00

Pole or Running

German,—Stangen Bohnen Spanish,—Judias

French,—Haricot a Rames

One Pound to 150 hills

These are more tender and require rather more care in culture than the Bush Beans, and should be sown two weeks later. They succeed best in sand loam, which should be liberally enriched with short manure in the hills, which are formed, according to the variety, from three to four feet apart. From five to six seeds are planted in each hill, about two inches deep.

Rough cedar or similar poles about seven or eight feet long should be used for these to climb on. The poles should be set in the ground at least eighteen inches, so as to prevent being blown over.

Add .08 per Lb.; each additional pound add .01 if to be sent by mail.

Kentucky Wonder Wax. Similar to the green pod Kentucky Wonder. Pods 8 to 9 inches long. Very early.

Pkt., .20; Pound, .35; Two Pounds, .60

Lazy Wife. One of the best of the later green-podded pole beans for snaps. The pods borne in large

clusters, are five to seven inches long, broad, thick, fleshy and entirely stringless. When young they have a rich, buttery flavor, which is retained until they are nearly ripe. The dry beans are excellent for winter use. Seed white. **Pound, .35; Two Pounds, .60**



Kentucky Wonder

Kentucky Wonder. An excellent green podded variety; enormously productive, the long pods hanging in great clusters along the entire vine. Seed dark brown; entirely stringless.

Pkt., .20; Pound, .35; Two Pounds, .60

Lima, King of the Garden. Heavy cropper—bean and pod very large. **Pound, .40; Two Pounds, .75**



BEANS (Continued)

Scarlet Runners. Usually cultivated for the beauty of its scarlet flowers. Pkt., .15; ¼ lb., .25

King Horticultural, or Old Fashioned Speckled Cranberry. Pods bright carmine color; both beans and pods are much larger than the common kind.

Pkt. .20; Pound, .35; Two Pounds, .60

Improved Yellow-eye Bean. A fine field bean and very productive.

Old-fashioned Yellow-eye Bean. An excellent field bean and much preferred to the Improved Yellow-eye as a baking bean.

Red Kidney Bean. An easily raised bean and very productive. Also greatly prized by many for baking.

Pea Beans. Native grown. Used for baking more than any other pea bean.

Sulphur Pea. Larger than the white pea bean; golden yellow color; early and of fine quality.

White Kidney Bean. Good yielder. Almost entirely free from rust. One of the best baking beans on the market.

Soldier Bean. Similar in shape to the White Kidney but much larger, and with brown markings. Excellent cropper and free from rust.

PRICES ON ABOVE ON APPLICATION

BEET

German,—Runtel Rube French,—Betterave
Spanish,—Beteraga

A rather light soil, well enriched, is best suited to the cultivation of the various beets. The mangels and sugar beets in particular, require very liberal manuring. For an early crop of table beets, sow the seed as early as the ground is in condition to work; light frosts will not injure the young plants. For a main crop, sow the first of May; and for winter beets, the last of June. Sow in drills, 12 to 15 inches apart, and about one inch deep, pressing the earth firmly upon the seed,—a very important matter. Use about six pounds of seed per acre, 1 oz., 50 feet. Thin out when the plants are large enough. The varieties for table use should be left three or four inches apart.

TABLE BEETS

Crosby's Egyptian. This variety is as early as the original Egyptian, but by careful selection has been made thicker and of better quality.

Pkt., .10; oz., .20; ¼ lb., .40; lb., \$1.00

Dewing's Early. Of deep red color, smooth and of fine form. One of the leading varieties, both for market and for family use.

Pkt., .10; oz., .20; ¼ lb., .40; lb., \$1.00

Detroit Dark Red Turnip. An excellent beet for bunching for market; tops exceptionally small and upright; roots turnip shaped with small tap root. Color of skin dark blood red; flesh bright red. Quality is of the best, sweet and tender. One of the best varieties for the market gardener and the home garden.

Pkt., .10; oz., .20; ¼ lb., .40; lb., \$1.00



Early Eclipse. Very early, dark-red color, small top, and free from fibrous roots.

Pkt., .10; oz., .20; ¼ lb., .40; lb., \$1.00

Edmand's. This variety is thoroughly fixed and uniform in type. The flesh is deep blood red in color, and exceedingly sweet and tender. It is round, smooth, of good market size, and does not grow over-large.

Pkt., .10; oz., .20; ¼ lb., .40; lb., \$1.00

Haskell's Special Blood Turnip. We have a very fine strain of Blood Turnip Beet, of the Edmand's type. Very deep red fleshed so much in demand in all markets.

Pkt., .10; oz., .20; ¼ lb., .40; lb., \$1.00

Swiss Chard or Silver Sea Kale. Used as greens and the ribs of leaves cooked and served as asparagus.

Pkt., .10; oz., .20; ¼ lb., .50; lb., \$1.25

MANGEL-WURZEL AND SUGAR BEETS

Sow in April or May, using eight to twelve pounds to the acre.

Price of all varieties. Oz., .15; ¼ lb., .30; lb., .75

BEETS (Continued)

Improved Mammoth Long Red. An improvement on the old variety. The roots are very large, uniformly straight and well formed; proportionately thicker, and are deeper colored than the common sort, and with smaller tops.

Golden Tankard. Flesh a deep, rich yellow; very sweet and nutritious. Half long in shape. A very heavy cropper.

Norbiton Giant. A mammoth, long-red variety, enormously productive, and keeps well; good for deep soils.

Lane's White Sugar. One of the best for feeding stock. Very sweet.

Mangel Danish Sludstrup. Long, reddish yellow. Grows well above the ground and easy to pull. More percentage of dry matter than in any known Mangel. Very heavy cropper.

CABBAGE

German,—Kopf-Kohl French,—Chou Pomme
One ounce of seed produces about 3,000 plants.

Early varieties are grown from seed sown in hotbeds in February or March, only moderate bottom heat being required. Transplant into other frames

plants. The ground should be thoroughly stirred with cultivator and hoed every week till the plants cover the ground. For a fall crop, sow in the open



Chinese Cabbage



Danish Ball Head Cabbage

without much, if any, bottom heat, as soon as the plants show the fourth leaf. In April, or as soon as the ground can be easily worked, set out in rows three feet apart, and about eighteen inches between the

ground in May, in hills the proper distance apart, using a liberal quantity of manure in the hill, besides that which is plowed in; thin out to one good plant in each hill. In the same way crops may be sown to lay in for winter use, planting seeds as late as July 1. Seeds can also be sown in shallow drills; when the plants are large enough, can be transplanted, setting the plants in rows three feet apart and two feet apart in the row. If the young plants are troubled with the cabbage fly, sprinkle them with tobacco dust, air-slaked lime, slug-shot or wood ashes, while the dew is on them.

Chinese Cabbage (Chihli). Earliest and most sure heading of the Chinese varieties. Produces long, solid white heads nearly two feet in length.

Pkt., .10; oz., .40; ¼ lb., \$1.50

Danish Ball Head. The wide and unfailing popularity of the Danish Ball Head cabbage is simply wonderful. It seems to adapt itself to all soils and conditions.

It is a medium to late cabbage, but is generally grown as a late crop. It is sure to head, the heads being round, hard and extremely heavy, though not



CABBAGE (Continued)

extra large. It can be grown in close quarters, on account of its compact habit.

Pkt., .10; oz., .40; ¼ lb., \$1.50

All Seasons. An early Drumhead, sure heading, solid variety. Desirable for early or fall use.

Pkt., .10; oz., .40; ¼ lb., \$1.25

Copenhagen Market. Extra early variety, ball shaped and evenly maturing. Best for market gardeners.

Pkt., .10; oz., .40; ¼ lb., \$1.50

Charleston Wakefield. Grows to a much larger size than the Jersey Wakefield. Very productive and good shipping variety.

Pkt., .10; oz., .40; ¼ lb., \$1.25

Early Jersey Wakefield. A standard early variety for home use or market.

Pkt., .10; oz., .40; ¼ lb., \$1.25

Early Winningstadt. An early variety of excellent quality, not as early as the Wakefield.

Pkt., .10; oz., .40; ¼ lb., \$1.25

Enkhuizen Glory. It is an early cabbage, but still of large size, solid and of the best quality. It is one of the largest early cabbages we have seen, and may be set out as late as the last of July or first of August in this latitude, and will make large, fine heads for late fall or winter use. The great merit of this cabbage lies in the perfect uniformity of its growth. The plants are compact, have few outside leaves, can be planted close together, and will produce a very large crop.

Pkt., .10; oz., .40; ¼ lb., \$1.50

Henderson's Early Summer. A standard summer variety. We have the true stock.

Pkt., .10; oz., .40; ¼ lb., \$1.25

Mammoth Rock Red. The largest heading of any of the red sorts, of deep rich color, and excellent quality.

Pkt., .10; oz., .40; ¼ lb., \$1.25

Red Dutch for pickling or for salads.

Pkt., .10; oz., .40; ¼ lb., \$1.25

Savoy Improved American. The finest flavored of all the cabbage family, large and solid.

Pkt., .10; oz., .40; ¼ lb., \$1.25

Succession. A sure-headed, long-keeping variety, very similar to All Seasons, but maturing a little later. Heads deep and very firm.

Pkt., .10; oz., .40; ¼ lb., \$1.25

Sure Head. A fine variety for main crop. A good shipper and sure header.

Pkt., .10; oz., .40; ¼ lb., \$1.25

Warren's Stone Mason. An improvement on the Stone Mason Drumhead; heads rounder, firmer and earlier; is an extra good keeper.

Pkt., .10; oz., .40; ¼ lb., \$1.25

BRUSSELS SPROUTS

(Species of cabbage; cultivation the same)

German,—Rofen-Kohl French,—Chou de Bruxelles
Spanish,—Berza de Brussels

One ounce will sow a bed of forty square feet, and produce about 3,000 plants

This is a delicious vegetable, superior to either borecole or spinach. The small, cabbage-like heads which grow upon the stem are much improved by a moderate frost. Sow in hotbeds in March or April, and in the open ground in May.

Dwarf Improved. Produces excellent, compact sprouts; very sure cropper.

Pkt., .10; oz., .20; ¼ lb., .75

CAULIFLOWER

German,—Blumenkohl Spanish,—Coliflor
French,—Chou-fleur

One ounce of seed will produce 1,500 to 2,000 plants if sown in open ground, or about 3,000 in frames

To raise good Cauliflower there is nothing so essential to success as good seed. The best Cauliflower seed is very expensive, but it is worth to the grower ten times as much as cheap and carelessly grown seeds. The best results are obtained from using Snowball for main late crop, as well as for early use.

Early Cauliflower are difficult to raise and are not of the best quality, but when the plants are set out in July and the heads form in October, there is no difficulty in getting fine, large heads of first-class quality. The seed should be sown in open ground or cold frames about the middle of May or first of June, on good soil. When plants are large enough, transplant to rich, moist soil. These remarks refer to Snowball for main late crop, as well as for early use.

Henderson's Early Snowball. This is undoubtedly the finest ever introduced. It is the earliest and produces beautiful snow-white heads of the most delicious flavor. The seed we offer is pure and genuine, and sure to prove satisfactory.

Pkt., .20; oz., \$2.50

Extra Selected Dwarf Early Erfurt. The finest strain of the Erfurt Cauliflower; almost as early as the Snowball; grows about 15 inches high; producing very solid, pure white heads of the very finest quality; seldom fails to form a good sized head.

Pkt., .15; oz., \$2.50

All kinds of Insecticides. Spray Pumps, Power Sprayers, etc., always on hand. Call and examine or write for catalogue and prices.



PULVERIZED SHEEP MANURE is an excellent fertilizer for Gardens and Lawns. It is entirely free from weed seeds. Put up in 50 and 100 pound bags.



of



P. O. Address _____ Street No. _____
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SHIP BY _____ AMOUNT ENCLOSED _____
Parcel Post, Express, Freight _____ Check, Money Order or Stamps \$ _____

AMOUNT ENCLOSED
Check, Money Order or Stamps \$_____

or any other matter of any seeds, bulbs or plants they send out and will not be in any way responsible for the crop.



CARROT

German,—Rhore French,—Carrotte
Spanish,—Zanahoria

One ounce will sow 100 feet of drill; 3 pounds required for an acre

Carrots require a very finely pulverized soil to grow them to perfection. A good, light and well-enriched sandy loam is the best for this crop. For field culture, sow in drills $2\frac{1}{2}$ feet apart, so as to cultivate by horse. Market gardeners sow in drills about 15 inches apart and cultivate by hand. For early crops cover $\frac{1}{2}$ inch deep, and thin to 6 inches apart in the rows; for late, cover $\frac{3}{4}$ inch deep, and thin to 4 inches.

Danvers Half-Long. One of the heaviest croppers; roots dark orange color, 8 to 10 inches in length, and ending in a somewhat abrupt point; first class for all soils. Pkt., .10; oz., .20; $\frac{1}{4}$ lb., .60

Oxheart, or Guernsey. Roots short and very thick, and intermediate between Scarlet Horn and Chantenay; color deep orange; fine grained. Pkt., .10; oz., .20; $\frac{1}{4}$ lb., .60

Improved Long Orange. The best known and most largely cultivated of any Carrot; excellent for stock or table use. Roots deep orange, 12 to 15 inches long. Pkt., .10; oz., .20; $\frac{1}{4}$ lb., .60

Hutchinson. Very productive. Roots nearly cylindrical in form, 10 to 12 inches in length and ending in an abrupt stump root. Largely grown in New England. Pkt., .10; oz., .20; $\frac{1}{4}$ lb., .60

Cress or Peppergrass

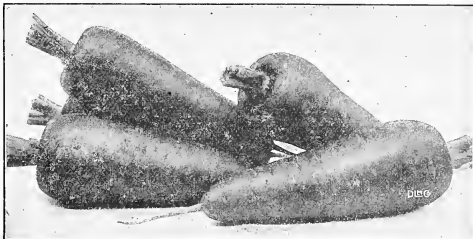
German,—Arefe French,—Cresson
Spanish,—Masuerzo

One ounce will sow 16 square feet, or 150 feet of drill

A popular salad, which should be sown early in the spring—very thickly in shallow drills—and at short intervals, for success, as it soon runs to seed.

Extra Curled. A small plant, having a fine pungent flavor, and used as a salad; may be cut two or three times. Pkt., .10; oz., .15; $\frac{1}{4}$ lb., .35

True Water Cress. Grows along the banks of ponds and streams, and is easily introduced, wholly unlike Extra Curled; leaves are quite large and thick; a fine salad, sold in immense quantities in the large markets in spring. Pkt., .10; oz., .60; $\frac{1}{4}$ lb., \$1.25



Danvers Half-Long Carrot

CELERY

German,—Sellerie French,—Celeri Spanish,—Aplio

One ounce will produce 3,000 plants

Sow seed the first or second week in April in hotbed or cold frame. As soon as the plants have attained a height of three inches transplant, setting them four inches apart. As fall approaches draw earth up to the plants, keeping the stalks well together. When well blanched it is ready for use. Some of the varieties, such as Golden Self-Blanching and White Plume, may be blanched by simply placing a board 12 to 15 inches wide on edge on each side of the row.

Giant Pascal. A strong grower and wonderful keeper. Quality very fine. Pkt., .10; oz., .50

Golden Self-Blanching. A self-blanching early golden-colored variety that is very popular. Pkt., .10; oz., .75

White Plume. A variety that can be more easily grown than any other, as it does not require high banking to blanch the stalks. Simply earthing up enough to keep the stalks together or by passing a string around each plant is sufficient. Pkt., .10; oz., .50

CHERVIL

One ounce will sow about 300 feet of drill

Cultivated like parsley. Sow thickly in May, in drills half an inch deep, one foot apart. Use while the leaves are young and tender.

Curled Chervil. The young leaves are used for garnishing, and flavoring soups. Pkt., .10; oz., .20; $\frac{1}{4}$ lb., .45



CORN - Sugar

German,—Welfchkorn Spanish,—Maiz French,—Mais
 One Half Pound will plant 50 hills; 12 Pounds will
 plant one acre in hills

Corn requires a good soil and a warm situation. Commence for first early by planting the early varieties about May 1, and if a continuous supply is wanted all summer, make plantings about two weeks apart from May 1 until the last of July, first planting early varieties, then later ones. Plant in rows 3 feet apart, and make the hills about the same distance apart in the rows. Five kernels in the hills are plenty. Cover about 1 inch deep for early and a little deeper for late. Thin to 3 plants in a hill. Add 6 cents per lb. and for each additional lb. to the same address add 1c, if to be sent by mail.

Crosby's Early. An early corn of large size and choice quality. It has long been a standard variety.

$\frac{1}{2}$ lb., .20; 1 lb., .35; 2 lbs., .60; 12 lbs., \$3.00

Early Red Cory. This variety is the favorite for first early.

$\frac{1}{2}$ lb., .20; 1 lb., .35; 2 lbs., .60; 12 lbs., \$3.00

White Cob Cory. This is an improvement over the Early Cory as the cob is white, which gives it a finer appearance. It is as early as the Early Cory and of excellent quality.

$\frac{1}{2}$ lb., .20; 1 lb., .35; 2 lbs., .60; 12 lbs., \$3.00

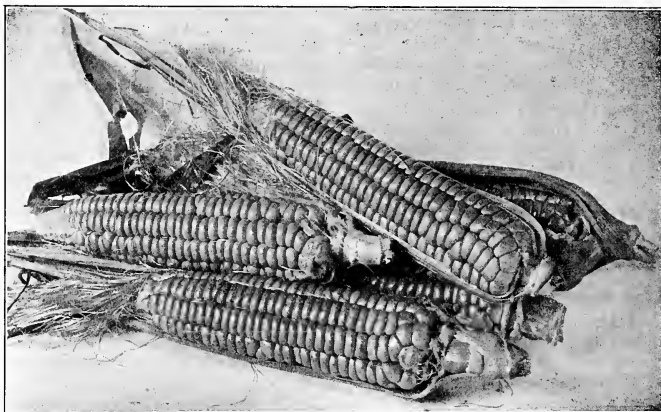
Golden Bantam. The fact that the grains of this variety are yellow is an indication of hardiness and its value for early planting and early maturity. It is a rapid grower, and produces ears measuring about 5 inches, but the smallness of ears is fully made up by the deliciously sweet flavor and tender quality of the corn when cooked. It is a fine variety for the home garden. $\frac{1}{2}$ lb., .20; 1 lb., .35; 2 lbs., .60; 12 lbs., \$3.00

Bantam Evergreen. Later than the Golden Bantam. Ears 8 inches long. 12 to 14 rowed. Of a rich golden yellow color and fine quality.

$\frac{1}{2}$ lb., .20; 1 lb., .35; 2 lbs., .60; 12 lbs., \$3.00

Black Mexican. This corn when in condition for the table cooks remarkably white; but the ripe grain is black or bluish-black. It is surpassed by none in tenderness.

$\frac{1}{2}$ lb., .20; 1 lb., .35; 2 lbs., .60; 12 lbs., \$3.00



Golden Bantam

FIELD AND FODDER CORN

Prices will be quoted on application on the following corns. Please give the amount desired as well as the kind in all cases.

Leaming. An early, very heavy, long-eared corn. Grows to medium height with large amount of foliage.

One of the best ensilage corns, very much relished by stock. Cob red, grain yellow.

Red Cob. A very large-growing white dent corn, with red cob. Fodder sweet, juicy and tender. Very popular in northern dairy districts.

Eureka. One of the tallest and best ensilage corns grown. Grows very tall and is very productive of ears and leaves. For the silo this corn is rarely equalled.

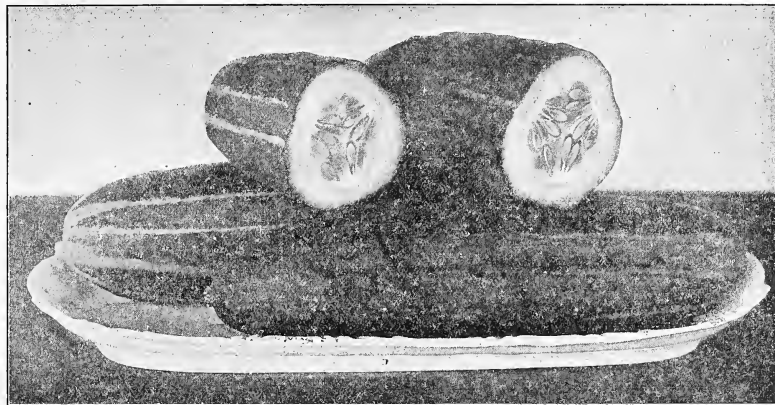
CORN (Continued)

Sanford. A well-known variety, adapted to the whole of New England. Kernels silvery white flint color; large and broad. An excellent fodder and ensilage corn.

Early Canada. An eight-rowed, yellow flint variety with small cob and deep grain. This is one of the

earliest and best and seldom fails to produce a crop. The Early Canada seed we have to offer was grown in this State.

Prizetaker. A very large growing, yellow flint corn. Ears are eight-rowed, long, and the kernels deep and broad. One of the very best for ensilage as it ears out well.



White Spine Cucumber

CUCUMBER

German,—Gurfe

French,—Concombre

Spanish,—Pepino

One ounce will plant 50 hills; 2 pounds will plant an acre

Cucumbers being a tender annual should not be planted out of doors until all danger from frost is passed and the ground is warm. They succeed best in warm, moist, rich loamy soil. The hills should be 3 to 4 feet apart and the plants thinned to four of the strongest to a hill.

Extra Early Russian. Earliest variety known; hardy and productive. Fruit very small and quality fine for pickling and slicing.

Pkt., .10; oz., .20; ¼ lb., .60

Early Cluster. Fruit borne in pairs; light green; a great bearer.

Pkt., .10; oz., .20; ¼ lb., .60

Boston Pickling. Fruit short, smooth and pointed at each end, bright green and a great yielder; one of the best pickling.

Pkt., .10; oz., .20; ¼ lb., .60

Early Fortune. An early variety, very productive, and of large size. Dark green in color which does not fade. The shape is uniform and the quality very fine.

Pkt., .10; oz., .20; ¼ lb., .60

White Spine Improved. The most popular strain of White Spine, and for general out-door culture, the best.

Pkt., .10; oz., .20; ¼ lb., .60

Long Green Improved. Fine for pickling when small; good for table use when about half grown.

Pkt., .10; oz., .20; ¼ lb., .60

Japanese Climbing. Vines are extra strong and foliage much more vigorous than other kinds, and being a climbing sort, can be grown on trellises, etc., saving much valuable space in small gardens. It is very prolific, from forty to fifty cucumbers having been counted on single plants. Fruit cylindrical, about ten inches long, thick and of fine flavor.

Pkt., .10; oz., .20; ¼ lb., .60

Davis Perfect. Long and slim. Sometimes measuring 12 inches in length. Very tender and of fine quality.

Pkt., .10; oz., .20; ¼ lb., .60

DANDELION

German,—Lowenzahn

French,—Pissenlit

Spanish,—Amargon

One ounce will sow 100 feet of drill

The Dandelion resembles endive, and affords one of the earliest as well as one of the most healthful spring greens. Sow as early as the weather will permit, in good, well-enriched soil, in rows 12 inches apart, covering seed $\frac{1}{4}$ of an inch deep, and firming the soil well over them. Thin to two or three inches apart in the rows; by so doing the roots will be larger and a great amount of time will be saved the next spring in trimming or gathering the crop. One pound per acre is sufficient.

Improved Thick-Leaved. Cultivate for spring greens; an immense improvement on the common dandelion, both in size and thickness of its leaves and fine flavor, being far less bitter. Pkt., .10; oz., .75; $\frac{1}{4}$ lb., \$2.50

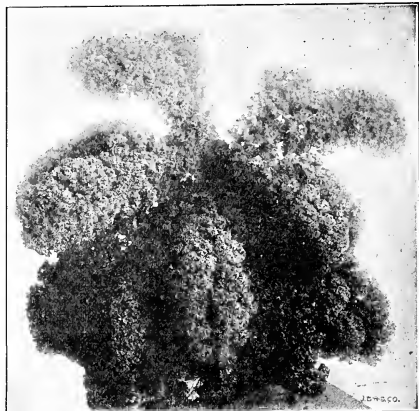
EGGPLANT

German,—Gierpanze

French,—Aubergine

Spanish,—Berengena

The Eggplant will thrive well in any good garden soil, but will repay good treatment. The seeds should be sown in hotbed or warm greenhouse in March or



Kale

April, and when about an inch high potted in two-inch pots. Plant about June 1, two and one-half feet apart.

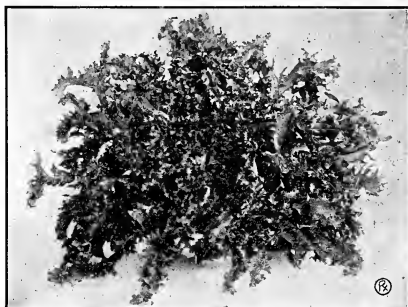
New York Improved Purple. The leading market variety, and undoubtedly the best for size, quality and productiveness. Pkt., .10; oz., .60

ENDIVE

German,—Gendive

French,—Chicoree

Spanish,—Endivia



Endive

One of the most refreshing and attractive of all autumn and winter salads. Sow seed from the middle of June until the end of August.

Moss Curled. More finely curled, and a heavier and more dense plant than Green Curled.

Pkt., .10; oz., .20; $\frac{1}{4}$ lb., .75

Broad-leaved Batavian (Escarolle). This variety is chiefly used in soups and stews; requires to be tied up in blanching. Pkt., .10; oz., .20; $\frac{1}{4}$ lb., .75

KALE or BORECOLE

German,—Blatter-Kohl

French,—Chou Vert

Spanish,—Breton

One ounce will produce 3,000 plants

Sow from the middle of April to the beginning of May in prepared beds; transplant in June, and treat in the same manner as for cabbage. Of all the cabbage tribe this is the most tender and delicate. The varieties are all extremely hardy, and are best when touched by frost.

Tall Curled Scotch. Plants of this variety grow two to three feet in height, bearing long, plume-like, light green leaves which are much cut and deeply curled at the edges. Very hardy.

Pkt., .10; oz., .20; $\frac{1}{4}$ lb., .75

Dwarf Green Curled Scotch. Rarely exceeding 18 inches in height, but spreading out under good cultivation to 3 feet in diameter; leaves beautifully curled and bright green.

Pkt., .10; oz., .20; $\frac{1}{4}$ lb., .75



KOHL RABI

German,—Rohl-Rab French,—Chou-Rave
Spanish,—Col de nabo

One ounce will sow 200 feet of drill

This vegetable, the popularity of which is rapidly increasing, combines the virtues of the turnip and cabbage, but excels both in nutritive, hardy and productive qualities. The seed may be sown in June in rows 18 inches apart, and the plants thinned out to eight or ten inches in the rows.

Purple Vienna. A little later than the White; color bluish purple. Pkt., .10; oz., .25; ¼ lb., .75

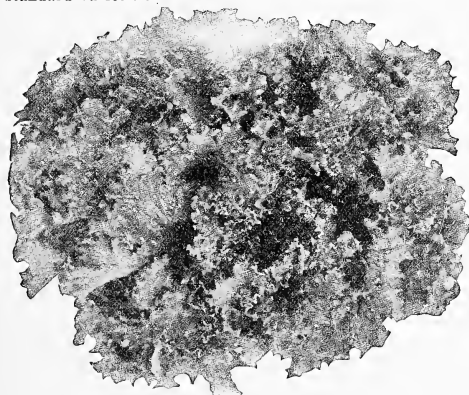
Large Green or White. Good for table and also for feeding stock. Pkt., .10; oz., .25; ¼ lb., .75

LETTUCE

German,—Lattich French,—Laitue
Spanish,—Lechnga

One ounce will sow 120 feet of drill

Requires a rich, moist soil, and to be crisp and tender needs to be grown in cool weather. For winter use, sow in hotbeds every two weeks, at the rate of one ounce of seed to four sashes (a sash is three feet long by six feet wide); cover very lightly, and transplant, first to three inches apart each way, afterward to eight inches. For garden or field, sow in rows, cover one-fourth of an inch deep and thin out to 12 inches apart in the rows. For New England the White Seeded Tennisball for cultivation under glass, and the Black Seeded Tennisball for outdoor use are the standard varieties.



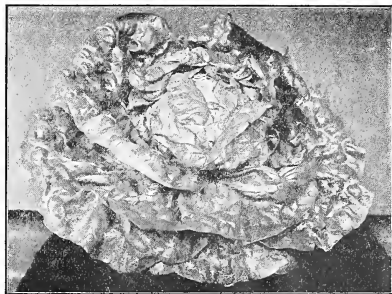
Grand Rapids

Grand Rapids. An excellent forcing variety with loose heads and of good size and form.

Pkt., .10; oz., .20; ¼ lb., .60

Big Boston. A most desirable variety, either for forcing in cold frames or open ground planting; always produces large, solid, saleable heads.

Pkt., .10; oz., .20; ¼ lb., .60



May King

May King. Probably the finest all-seasons lettuce yet introduced. It is very early and hardy, and will stand cold, damp weather better than many varieties. Planted out of doors or under glass it will produce fine solid heads much sooner than any other variety. Outer leaves are yellowish green, tinged with brown, while the inside is a rich yellow.

Pkt., .10; oz., .20; ¼ lb., .60

Boston Curled. Of ordinary quality but great beauty; highly ornamental in growth with its frilled leaves.

Pkt., .10; oz., .20; ¼ lb., .60

Prize-Head Early. Leaves green and red, very thin, crisp and tender. One of the best for private use.

Pkt., .10; oz., .20; ¼ lb., .60

Tennisball, Black-Seeded. A very popular sort for open-ground culture; forms a handsome head, and is crisp and tender.

Pkt., .10; oz., .20; ¼ lb., .60

Simpson Early Curled (White Seed). A leading early sort for forcing or open ground.

Pkt., .10; oz., .20; ¼ lb., .60

Tomhannock. A variety with upright leaves, beautifully wrinkled, edges of outer leaves have reddish tinge; one of the best.

Pkt., .10; oz., .20; ¼ lb., .60

Iceberg. A large, late, cabbage heading variety. Heads very firm and well blanched. Color, medium green.

Pkt., .10; oz., .20; ¼ lb., .60

Hanson. Large, solid heads; tender, crisp and of a fine flavor.

Pkt., .10; oz., .20; ¼ lb., .60

Use one of our Garden Seeders and save seed,
get a more uniform growth and larger crops.



LEEK

German,—Lanch

French,—Poireau

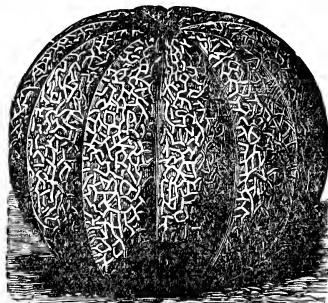
Spanish,—Puerro

One ounce will plant 200 feet of drill

The leek is very hardy and easily cultivated; it succeeds best in a light but well-enriched soil. Sow as early in the spring as practical in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way as deep as possible, that the neck, being covered, may be blanched.

American Flag

Pkt., .10; oz., .25; $\frac{1}{4}$ lb., .75



Musk Melon

MELON, MUSK

German,—Melone

French,—Melon

Spanish,—Melon

One ounce will plant about 50 hills (2 to 3 pounds in hills) per acre

Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, in hills six feet apart each way for Muskmelons; eight feet for Watermelons. Previous to sowing the seed mix a few shovelfuls of well-rotted manure in each hill, and plant in each twelve to fifteen seeds; after all danger of bugs is over, thin out to three plants per hill. When about one foot long, pinch off the tips to make them branch, as it strengthens the growth of the vines and makes the fruit mature earlier. Feed liquid manure occasionally. A few hills for early use may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground.

Emerald Gem Melon. The Emerald Gem is entirely unlike any other muskmelon yet introduced. The melons are about the size of the Netted Gem, but un-

like that variety, the skin, while ribbed, is perfectly smooth, and of very deep emerald green color. The flesh which is thicker than any other native melon of the size, is of a suffused salmon color, and ripens thoroughly to the thin green rind, which is distinctly defined. The flesh is peculiarly crystalline in appearance, and so very juicy, sweet and rich that it almost drops to pieces. It matures very early and is quite productive.

Pkt., .10; oz., .20; $\frac{1}{4}$ lb., .50

Long Yellow Musk. A long, large melon with a musky flavor; rich, yellow color, both inside and out.

Pkt., .10; oz., .20; $\frac{1}{4}$ lb., .50

Rocky Ford. This new Muskmelon is similar to the royal strain of Netted Gem. The strain here offered originated with the melon growers in the vicinity of Rocky Ford, Col., who have shipped this melon from that distant Western point to Eastern markets. The melons grown by them are so fine in quality as to out-sell all others, and the demand for such melons has been far beyond the supply.

Pkt., .10; oz., .20; $\frac{1}{4}$ lb., .50

Early Hackensack. An improvement over the old Hackensack, producing melons of as good quality and ten days earlier. Large fruit with thick, green flesh of the finest flavor.

Pkt., .10; oz., .20; $\frac{1}{4}$ lb., .50

MELON, WATER

German,—Waffermelone

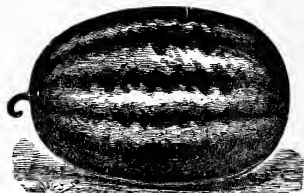
Spanish,—Zandia

French—Melon d'Eau

One ounce will plant 50 hills

Prices on all varieties of Watermelons as follows:
.10 per pkt.; .15 per oz.; $\frac{1}{4}$ lb., .40.

Cole's Early. An excellent variety. One of the earliest. Hardy, medium size, nearly round, dark green, striped a lighter shade; flesh deep pink.



Phinney's Early. This is another early melon of fine quality; suitable for growing in New England. Medium size, oblong in form, mottled green; flesh bright scarlet and very sweet.

Citron for Preserves. The old and well-known Preserving Citron; seeds red.



MUSTARD

German,—Senf French,—Moutarde
Spanish,—Mostaza
One ounce will sow 75 feet of drill

As an ingredient, the green Mustard imparts a delightfully pungent flavor to the various forms of prepared salads. For early crops the seed may be sown in a hotbed in March, and for general crop at frequent intervals through the spring, in drills from eight to twelve inches apart.

White London. Considered the best for salads and spinach; leaves light green. It is best when about four inches high. Oz., .10; ¼ lb., .15

ONION

German,—Zwiebel French,—Ognon
Spanish,—Cabolla

Select the cleanest, richest land on the farm for the Onion crop. If onions were grown on the land the previous year, so much the better, but any good corn or potato land will do. Broadcast fifteen to twenty cords of fine, well-rotted manure to the acre and plow not deeper than six inches; harrow thoroughly, cross plow, and harrow again, after which hand rake with wood rake and remove stones and rubbish. Sow four to five pounds of seed per acre in drills twelve to fourteen inches apart and about one-half inch deep. See that the Seed Drill is equipped with a good roller that will

land has been properly manured and seeded. After the Onions are three to four inches high, an application of about five hundred pounds to the acre of fertilizer, rich in available nitrogen, strewn between the rows, will be very beneficial. Keep the Onions growing by never allowing the weeds to get ahead and the acre should produce in a good average season, five hundred to seven hundred bushels. When the tops are down, the Onions may be pulled and left on the ground, and should be frequently turned with a wooden rake until tops are dried.

ONION SETS

Onion sets should be planted as early in the spring as convenient to obtain early green onions, but they may be set at any time up to June 1. Set in rows a foot apart and three to four inches between them in the row. Any good soil will suit them. When grown in quantities, high cultivation is given in order to forward the crop for an early market. They are ready for use as soon as the bulbs begin to be of fair size. Those not used in green condition will ripen early in July and make nice onions. Potato and Top onions are grown from bulbs only.

Potato Onion Sets.....	lb., .30; 8 lbs.,	\$1.75
Red Bottom Sets.....	lb., .30; 8 lbs.,	1.75
White Bottom Sets.....	lb., .30; 8 lbs.,	1.75
Yellow Bottom Sets.....	lb., .30; 8 lbs.,	1.75
Top Sets.....	lb., .30; 8 lbs.,	1.75

Yellow Globe Danvers. Undoubtedly the best known and most popular of all onions; the earliest yellow variety; is entirely free from stiff necks. Globular in shape; has a small top. It is the most productive onion grown. Pkt., .10; oz., .40; ¼ lb., \$1.00

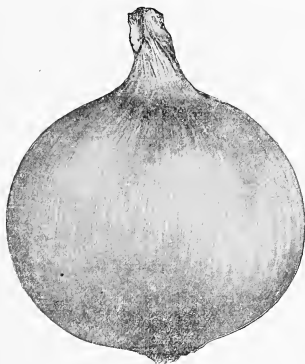
Large Red Wethersfield. We have a very fine and select strain of this sort. Color is deep purplish red, flesh white, moderately grained and very firm. Yields enormously and is one of the best winter keeping onions. Pkt., .10; oz., .40; ¼ lb., \$1.00

White Portugal, or Silverskin. A large, flat, white onion of mild and pleasant flavor; hard and fine grained, and a good keeper. Extensively sown for sets, and is also largely grown for pickling.

Pkt., .10; oz., .40; ¼ lb., \$1.00

Prize-Taker. A globe-shaped variety of delicate straw color, growing to a very large size. It ripens up hard and firm, the flesh being pure white. Fine grained and of fine, mild, delicate flavor.

Pkt., .10; oz., .40; ¼ lb., \$1.00



Yellow Globe Danvers

press the earth firmly upon the seed. Sow as early in the spring as the ground can be properly worked. There is seldom necessity for thinning Onions if the

Buy one of our Garden Seeders. You can save the price of it in one season in time and seed. It is the most economical of seeders made. Send for catalog and prices.

PEAS

German,—Erbren French,—Pois

Spanish,—Guizante

One pound for 50 feet of drill; one to two bushels in drills for an acre

Peas come earliest to maturity in light, rich soil. For general crop, a deep loam or a soil strongly inclined to clay is best. For early crops decomposed leaves or leaf-mold should be used; or, if the soil is very poor, strong manure may be used. For general crops a good dressing should be applied, and for the dwarf-growing kinds the soil can hardly be too rich. When grown as a market crop, peas are never staked; for private use they are generally sown in double rows, and the tall varieties staked up by brush. For an early crop sow as soon as the ground can be worked, and make repeated sowings every two weeks for succession. After the first of June, sowing should be discontinued until the middle of August, when a good crop may sometimes be secured by sowing an extra-early sort for fall use.

If sent by mail add .08 per lb.; and for each additional lb. to the same address add .01.

All marked thus (*) indicate wrinkled varieties.

Extra Early Dwarf Varieties

***Notts Excelsior.** This is the earliest dwarf wrinkled pea. The plant is dwarf and needs no support. The pods are of good size and well filled with large peas of the finest quality. It is as early as the American Wonder, while the vines are much more productive and the pods of larger size. There is no better early dwarf pea. Fifteen inches.

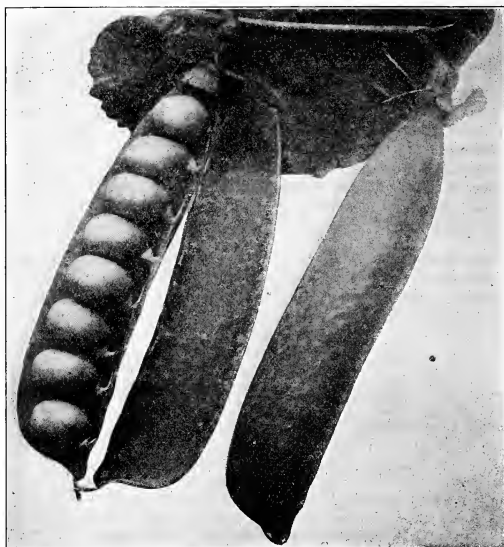
Lb., .35; 2 lbs., .60; 14 lbs., \$3.50

***Sutton's Excelsior.** Ripens early on vines fourteen to sixteen inches high, covered with a great abundance of long, straight, broad pods of a pale green color.

PriceLb., .35; 2 lbs., .60; 14 lbs., \$3.50

***Laxtonian.** One of the best dwarf wrinkled peas for the market gardener. Pods about 4 inches long, resembling those of Gradus, but ripening a little earlier. Vines productive and vigorous; average height less than 18 inches. Lb., .35; 2 lbs., .60; 14 lbs., \$3.50

***Pioneer.** An improvement on the popular Laxtonian. Vines about 20 inches high; color, light green.



Laxtonian

Vigorous growth. The pods pointed and a little darker in color than the vine. Considered fully four days earlier than the Laxtonian.

Lb., .35; 2 lbs., .60; 14 lbs., \$3.50

***Blue Bantam.** A splendid large podded dwarf variety of the Laxtonian class. Vines about 15 inches high. Pods deep green, about 4 inches long. Fine quality.

Lb., .35; 2 lbs., .60; 14 lbs., \$3.50

***Peter Pan.** One of the very finest of the large podded dwarf variety of the Laxtonian class, though somewhat earlier. Vines 15 inches. Pods straight and pointed. Quality best.

Lb., .35; 2 lbs., .60; 14 lbs., \$3.50

Extra Early Variety Not Dwarf

Alaska. An extra early round pea bearing pods of a dark green color; two feet.

Lb., .35; 2 lbs., .60; 14 lbs., \$3.50

***Gradus or Prosperity.** It combines the finest quality with extreme earliness, and is also productive, bearing pods fully as large as Telephone. The color of the shelled peas is a beautiful light green, which color they retain after being cooked; the quality and



PEAS (Continued)

flavor delicious, and the peas remain tender and sweet for a long time.

Lb., .35; 2 lbs., .60; 14 lbs., \$3.50



Sutton's Excelsior

***World's Record.** An improved type of Gradus, being slightly earlier, more dwarf and very productive. Height, 2 feet. Pods medium green, 4 inches long. Very fine quality. Lb., .35; 2 lbs., .60; 14 lbs., \$3.50

***Thomas Laxton.** One of the very best of the tall growing, large pod, early peas. The plant is a very hardy and strong grower, producing extra large pods in abundance. The quality is delicious and cannot be surpassed by any other variety. The "Thomas Laxton" will mature nearly as early as any of the extra early smooth peas, and being a wrinkled sort is much sweeter. Lb., .35; 2 lbs., .60; 14 lbs., \$3.50

***Early Morn.** One of the earliest and most productive. The pods are very large and well filled. Very fine flavor. Lb., .35; 2 lbs., .60; 14 lbs., \$3.50

Second Early Varieties

***Telephone.** A pea of the finest quality, sweet and delicious. Medium late, growing four feet tall with pods of the largest size.

Lb., .35; 2 lbs., .60; 14 lbs., \$3.50

***Bliss Everbearing.** Medium late and very productive. Two feet tall.

Lb., .35; 2 lbs., .60; 14 lbs., \$3.50

***Dwarf Telephone (Carter's Daisy).** Similar to the Tall Telephone except in the height of the vine, which is only about two feet.

Lb., .35; 2 lbs., .60; 14 lbs., \$3.50

Late Variety for General Crop

***Champion of England.** The standard for quality. Grows four feet tall, very prolific, and still one of the best late peas. Lb., .35; 2 lbs., .60; 14 lbs., \$3.50

White Marrowfat. A good late sort. Cultivated very extensively for the summer crop.

Lb., .25; 2 lbs., .45; 15 lbs., \$2.40

Black-Eyed Marrowfat. An old and standard late variety for garden or field use.

Lb., .25; 2 lbs., .45; 15 lbs., \$2.40

Canada Field. Seeds small white; for field culture only; largely used for sowing among oats. Price

Lb., .10; 15 lbs., \$1.35

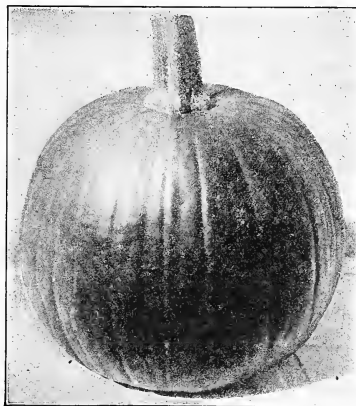
PUMPKIN

German,—Kurbis French,—Potiron

Spanish,—Cabbage

One ounce will plant 20 hills

Pumpkins are grown chiefly as food for stock. The usual method of planting is to scatter a few seeds at



Sugar Pumpkin

intervals in the hills when planting Indian corn; in this way good crops of pumpkins are secured with



PUMPKINS (Continued)

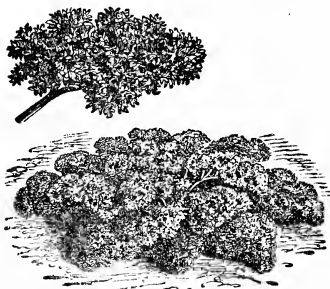
slight labor and expense, and make a valuable addition to the season's crops.

Connecticut Field. The common yellow pumpkin grown chiefly for feeding stock.

Pkg., .10; oz., .15; $\frac{1}{4}$ lb., .30; lb., \$1.00

Sweet or Sugar. A small variety, fine-grained and sweet; the best for table use.

Pkg., .10; oz., .15; $\frac{1}{4}$ lb., \$1.25



Moss Curled

PARSLEY

German,—Peterfille

French,—Persie

Spanish,—Perejil

One ounce for 150 feet of drill

Parsley succeeds best in rich, mellow soil. As the seed germinates very slowly, it should be sown early in spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows a foot apart and half an inch deep.

Champion Moss Curled. The standard variety.

Pkt., .10; oz., .20; $\frac{1}{4}$ lb., .50

PARSNIP

German,—Pastinake

French,—Panaïs

Spanish,—Pastinaca

One ounce for 150 feet of drill; five pounds in drills for an acre

Sow in drills as early in spring as the weather will admit, fifteen inches apart, covering half an inch deep. When well up, thin out to five or six inches apart in the rows. Unlike carrots, they are improved by frost, and it is usual to take up in the fall a certain quantity for winter use, leaving the rest in the ground till spring, to be dug as required.

Prices on all varieties of parsnips as follows:

Pkt., .10; oz., .20; $\frac{1}{4}$ lb., .50; prices in quantity on application.

Abbott's Improved Hollow Crown. Smooth and quite large; fine sort.

Guernsey. Roots not quite so long as Hollow Crown, but of greater diameter and more easily gathered.

Long Smooth. As name implies, very smooth, free from roots, and a general favorite.

PEPPER

German,—Pfeffer

French,—Piment

Spanish,—Pimiento

One ounce will produce 2,000 plants

Grown largely for pickles. Sow in hotbeds early in April, and transplant to the open ground when the weather is favorable. They should be planted in warm, mellow soil in rows 18 inches apart. They may also be sown in the open ground when danger of frost is past.

Large Bell, or Bull Nose. A favorite and well-known pickling sort. Is early, large, mild and thick skinned.

Pkt., .10; oz., .50

Long Red Cayenne. A small, long, bright red sort, very productive; extremely strong and pungent.

Pkt., .10; oz., .75

SPINACH

German,—Spinat

French,—Epinard

Spanish,—Espinaca

One ounce for 100 feet of drill; 10 to 12 pounds in drills for an acre



Spinach



SPINACH (Continued)

This is a very important crop in our market gardens, and is one of the most easily managed of all vegetables, requiring but little culture, and may be had fit for use the entire season. The main crop is sown in September. It is sometimes covered up in exposed places with straw or salt hay during winter, which prevents it from being cut with frost; but in sheltered fields there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks from April to August. Spinach is best developed and most tender when grown in rich soil.

King of Denmark. A fine long season variety remaining longer than most varieties before going to

seed; leaves large, crumpled and blistered. Deep green color. Pkt., .10; oz., .15; ¼ lb., .25; lb., .75

Long Standing Thick Leaved. Stands longest before running to seed; dark green.

Pkt., .10; oz., .15; ¼ lb., .25; lb., .75

Giant Thick Leaf. This variety gives the best results. The leaves are large, thick and somewhat crumpled, and it is equally good for spring or autumn sowing.

Pkt., .10; oz., .15; ¼ lb., .25; lb., .75

New Zealand. A valuable variety for the garden as it produces the thick, tender leaves throughout the summer. Grows very large and luxuriantly in warm, rich soil.

Pkt., .10; oz., .20; ¼ lb., .50; lb., \$1.75

RADISH

German,—Rettig, Rabies Spanish,—Rabano
French,—Radis, Rave, Petite Rave

One ounce will sow 100 feet of drill

Culture. The soil for Radishes should be very rich, light and mellow, well broken by digging, as their tender and mild qualities depend very much upon their rapid growth. For very early use sow in hotbeds in February and March and in the open air as soon as the ground can be worked, at intervals of ten or twelve days for a succession as long as they may be wanted. The winter varieties should be sown in August, lifted before severe frost, and stored in the cellar.

Vick's Scarlet Globe Radish. A leader among brightly round Red Radishes. Quick maturing, extremely attractive, short tops, solid and fine flavored.

Pkt., .10; oz., .20; ¼ lb., .50; lb., \$1.50

Long White Vienna. Of rapid growth and beautiful shape; skin and flesh snow-white. The finest of long white radishes.

Pkt., .10; oz., .20; ¼ lb., .50; lb., \$1.50

China Rose. Bright rose-colored skin; flesh white and quality excellent; one of the best for fall and winter use.

Pkt., .10; oz., .20; ¼ lb., .50; lb., \$1.50

Early Scarlet Turnip. A well known and popular variety. Small top of quick growth, mild and crisp.

Pkt., .10; oz., .20; ¼ lb., .50; lb., \$1.50

Early Scarlet Turnip, White Tipped. One of the handsomest of the turnip radishes and a great favorite in many large markets for early planting outdoors. Roots slightly flattened on the under side; color, very deep scarlet with a white tip; flesh white and of the best quality.

Pkt., .10; oz., .20; ¼ lb., .50; lb., \$1.50



Vick's Scarlet Globe Radish

French Breakfast. Olive-shaped scarlet, with white tip; crisp and tender. Very early. A general favorite.

Pkt., .10; oz., .20; ¼ lb., .50; lb., \$1.50

Crimson Giant Forcing. Best of forcing sorts. Grown larger than other turnip shaped varieties and fine eating.

Pkt., .10; oz., .20; ¼ lb., .50; lb., \$1.50

For the Lawn, PURITY LAWN SEED IS BEST



RADISHES (Continued)

Long Scarlet. Short top. The standard variety of the long sorts, used either for forcing or open culture; six or seven inches long.

Pkt., .10; oz., .20; $\frac{1}{4}$ lb., .50; lb., \$1.50

Long Black Spanish. Long black, flesh white and slightly pungent; one of the latest and hardest.

Pkt., .10; oz., .20; $\frac{1}{4}$ lb., .50; lb., \$1.50

Round Black Spanish. Skin black, white fleshed and piquant flavor.

Pkt., .10; oz., .20; $\frac{1}{4}$ lb., .50; lb., \$1.50

SALSIFY or Oyster Plant

German,—Bocksbart French,—Salsifis
Spanish,—Ostra Vegetal

One ounce will sow 50 feet of drill

Culture. Sow the seed in light, deep soil, early in the spring, in drills twelve inches apart and one inch deep, thinning out the young plants to four or five inches. The roots will be ready for use in October, when a supply should be taken up and stored, like carrots. Those remaining till spring should be dug up before commencing their growth.

Mammoth Sandwich Island. We consider this the largest and most profitable salsify in cultivation. It is pure white in color and invaluable to market gardeners.

Pkt., .10; oz., .25; $\frac{1}{4}$ lb., .75

TOMATO

German,—Liebsapfel Spanish,—Tomate

In this latitude to produce extra early tomatoes the seeds should be planted in the hotbed about the middle of February, in drills five inches apart, and not over one-half inch deep.

For ordinary plants, sow the seed early in March.

When the plants are two inches high they should be transplanted three to four inches apart. The final transplanting to the open ground may be made the last of May, when the plants should be fine, large and stocky, and if sufficient soil is taken up with each plant, they will keep right on growing with no setback.

Red Head. An early variety, bright red in color, round and smooth, uniform in size and with an excellent flavor.

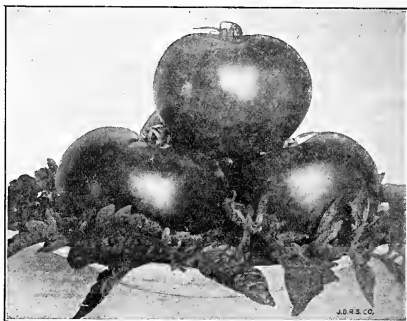
Pkt., .10; oz., .40

Earliana. It is remarkable for its earliness, very large size, handsome shape and bright red color. Its solidity and fine qualities are equal to the best medium and late sorts.

Pkt., .10; oz., .40; $\frac{1}{4}$ lb., \$1.25

Chalk's Early Jewel. This is a very productive variety. Ripens nearly as early as Spark's Earliana, but is more desirable for home use as the fruits are thicker through and more solid; borne in large clusters. Color bright scarlet and quality good.

Pkt., .10; oz., .40; $\frac{1}{4}$ lb., \$1.25



Red Head

Dwarf Champion. Dwarf and strong habit of growth; very solid and of extra quality.

Pkt., .10; oz., .40; $\frac{1}{4}$ lb., \$1.25

Ponderosa. Very large, solid and of a good flavor. Specimens have been grown to weigh four pounds. Bright red. Very few seeds.

Pkt., .10; oz., .40; $\frac{1}{4}$ lb., \$1.25

Stone. Fruit very large and deep; bright scarlet, smooth, ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed, of the finest quality; one of the best for family use and for canneries. Late.

Pkt., .10; oz., .40; $\frac{1}{4}$ lb., \$1.25

June Pink. An early variety, similar in habit to the famous Earliana, differing only in its color, which is pink instead of red. Early, blight resisting, long and heavy yielding. An excellent shipper on account of its reasonably tough skin.

Pkt., .10; oz., .40; $\frac{1}{4}$ lb., \$1.25

John Baer. An extra early variety. Brilliant red. Almost seedless and sweet flavor. Uniform in size and ripening.

Pkt., .10; oz., .40; $\frac{1}{4}$ lb., \$1.25

Marglobe. The best of the blight-resisting varieties. Will withstand a long period of unfavorable weather. Fruit large, solid, and bright scarlet in color.

Pkt., .10; oz., .40; $\frac{1}{4}$ lb., \$1.25



SQUASH

German,—Kurbiss

French,—Courge

Spanish,—Calabaza

One ounce Early will plant 50 hills; one ounce Marrow, 25 hills

Culture. The plants are very tender and sensitive to cold, and planting must be delayed until settled warm weather. The general principles of culture are the same as those given for cucumbers and melons, but the plants are less particular as to soil. The summer varieties should be planted four feet apart each way, and the winter sorts eight feet. Three plants are sufficient for a hill. Care should be taken not to break the stems from the squashes intended for winter use, as the slightest injury will increase the liability to decay.

Improved Hubbard. The well-known and standard late variety; our strain is excellent.

Pkt., .10; oz., .15; $\frac{1}{4}$ lb., .50; lb., \$1.50

Golden Hubbard. A genuine Hubbard Squash except in color, which is a bright red; quality excellent.

Pkt., .10; oz., .15; $\frac{1}{4}$ lb., .50; lb., \$1.50

Warted Hubbard. A superior strain of mammoth size, and entirely covered with warty excrescences. Rich, dark-green color, and of very best quality.

Pkt., .10; oz., .15; $\frac{1}{4}$ lb., .50; lb., \$1.50

Blue Hubbard. A new type of Hubbard Squash said to excel all others in quality. Growth and habit same as Hubbard, but with a bluish-gray color.

Pkt., .10; oz., .15; $\frac{1}{4}$ lb., .50; lb., \$1.50

Giant Summer Crookneck. Double the size of an ordinary Crookneck and very warty, but similar in other respects. Their handsome appearance commands an extra price in the market.

Pkt., .10; oz., .15; $\frac{1}{4}$ lb., .50; lb., \$1.50

Delicious. We have found in this squash all that the originator claims for it. It is the driest, sweetest and finest flavored squash we have ever tasted. A fall and winter squash and is a good keeper.

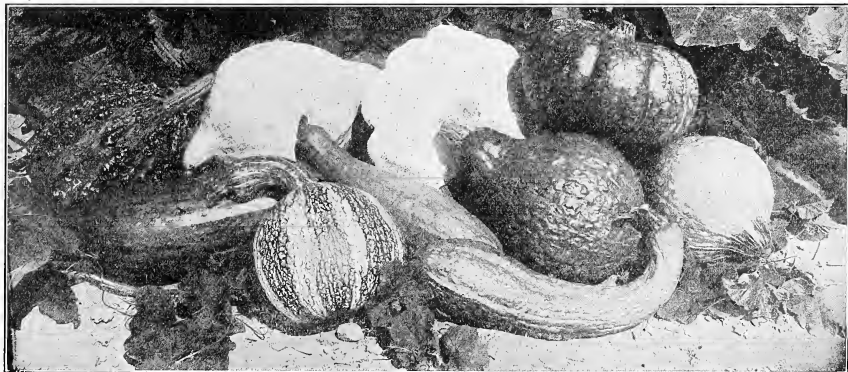
Pkt., .10; oz., .15; $\frac{1}{4}$ lb., .50; lb., \$1.50

Boston Marrow. Fine fall variety; oval, bright orange; flesh yellow and firm; best for pies, and also for canning.

Pkt., .10; oz., .15; $\frac{1}{4}$ lb., .50; lb., \$1.50

Early White Bush Scalloped. A standard summer variety; good either for home or market garden.

Pkt., .10; oz., .15; $\frac{1}{4}$ lb., .50; lb., \$1.50



TOBACCO

Connecticut Seed Leaf. Best adapted for the climate of the Northern and Middle States.

Pkt., .10; oz., .30

TURNIP

German,—Steckrube

French,—Navet

Spanish,—Nabo Comun

Turnips may be sown at all seasons from April to August in our climate, although those will be the best which are sown very early in spring for summer crops, and early in August for a fall and winter crop. A light soil, well manured the previous year, is the best. A few hundred pounds per acre of quick-acting fertilizer will have a tendency to make the roots smooth, and to make the rapid growth so essential in producing sweet and palatable turnips.



TURNIPS (Continued)

Extra Early Purple Top Milan (Flat). The earliest turnip in cultivation and a splendid variety; favorite with gardeners who want first turnips in market. Bulb white, flat, of medium size, with a bright purple top; one of the sweetest and finest flavored of summer sorts.

Pkt., .10; oz., .20; ¼ lb., .60; lb., \$2.00

Extra Early White Milan. This is one of our most popular turnips for spring sowing. It is a splendid extra early turnip in which the extreme earliness, small top and tap-root of the Purple Top Milan is united with clear white skin and flesh.

Pkt., .10; oz., .20; ¼ lb., .60; lb., \$2.00

Purple Top Strap Leaf. Rapid grower and mild flavor. The most popular variety for early use, either for the table or stock.

Pkt., .10; oz., .15; ¼ lb., .40; lb., \$1.00

Yellow Stone. A very popular yellow-fleshed variety, fine for table use. Flesh very firm, tender, sweet and fine flavored; an excellent keeper.

Pkt., .10; oz., .15; ¼ lb., .40; lb., \$1.00

White Egg. Belongs to the class of quick-growing fall turnips, and for this purpose should be sown in this latitude between August 1 and 10. Its shape is nearly oval or egg, as its name would indicate.

Pkt., .10; oz., .15; ¼ lb., .40; lb., \$1.00



Ruta Baga or Swedish Turnip

Ruta Bagas, or Swedes, should be planted from the last of June to about July 10, as they require more time in which to mature than the Early or Strap Leaf varieties. Newly-turned soil will produce the sweetest and smoothest turnips.

Long Island Purple. Undoubtedly the finest variety of purple-top Ruta Baga. Leaves few and small; bulbs fine shaped with very short, small necks; purple crown, skin and flesh bright yellow, solid, sweet and mild flavor. Pkt., .10; oz., .15; ¼ lb., .40; lb., \$1.25

White Sweet German. Sweet, and fine flavor. Good keeper. Pkt., .10; oz., .15; ¼ lb., .40; lb., \$1.25

Skirving's Purple Top. Well-known, yellow fleshed variety of large size and fine quality; for stock or table.

Pkt., .10; oz., .15; ¼ lb., .40; lb., \$1.25

Imperial Hardy Swede. Claimed by many to be the best Swede turnip grown. Bulb of large size with purple crown; flesh yellow; very smooth and heavy cropper.

Pkt., .10; oz., .15; ¼ lb., .40; lb., \$1.25

HERBS

DillPkt., .10
Sage, Broad LeafPkt., .10
Summer SavoryPkt., .10
CatnipPkt., .10

Vegetable and Flower Plants

We have in their season a choice assortment of both vegetable and flower plants.

Tomato Plants. Dwarf Champion, Chalk's Jewel, Earliana, etc.

Cabbage Plants. All Seasons, Stone Mason, Drum-head, Danish Ball Head, Early Summer, etc.

Cauliflower. Snowball.

Celery. Giant Pascal, Golden Self-Blanching, White Plume.

Flower Plants. Pansies, Verbenas, Stocks, Salvia, Asters, Zinnias, Phlox.

Our Plants are all grown for us locally and are hardy and vigorous. Prices as low as can be made and furnish good, strong, healthy plants.

Bird Seed

Add 8c per lb., each additional lb. add .01 for postage. Prices subject to variations of the Market.

Canary. Sicily, selected Sunflower. Russian
Hemp. Russian, first quality Millet
Rape. Cuttle Fish Unhulled Rice



GRASSES AND GRAINS

NOTE—Owing to the frequent changes in price of Grains and Grasses we have refrained from inserting prices of them in this catalogue. The lowest market prices will be quoted on application.

Special Attention

While we carry several grades of the different varieties of seeds, we recommend our Purity Brand as the very best the market affords. These seeds are strictly Northern grown, and are selected by us because they possess the two essential qualities of purity and vitality. It is well known that there have been large quantities of Grass and Clover Seed sold as pure, which official analysis has shown to contain large percentages of adulteration. This not only defrauds the planter by selling him a worse than useless article, but inflicts injury also by filling his land with noxious weeds. We list Grass and Clover Seed according to their quality, grading down from our Purity Brand, which is always the best.

Timothy, Clovers, Millets, Red Top
in several grades

Purity Brand Lawn Seed
Our own mixture, from the purest seeds obtainable.
We can surely please you on this brand.

Choice Grass Seeds for Lawn and Farm

Timothy	Canadian Blue Grass
Medium Red Clover	Orchard Grass
Mammoth Red Clover	English Rye Grass
Alsike Clover	Meadow Fescue
White Clover	Rhode Island Bent
Crimson Clover	Meadow Oat Grass
White Sweet or Bokhara Clover	Sheep's Fescue
Alfalfa Clover	Crested Dog's Tail
Red Top	Sweet Vernal
Kentucky Blue Grass	

Hungarian	Millets	Siberian
	Japanese	

Grains
Prices subject to Market Changes
Barley, Fancy No. 1, Two-Rowed.
Barley, Beardless.
Seed Oats, No. 1, Maine 340.
Spring Rye. Best Northern grown.
Winter Rye. New England grown.
Spring Wheat. Northern grown.
Winter Wheat. Northern grown.
Buckwheat.

Miscellaneous Seeds
Canadian Field Peas
Soja Beans
Cow Peas
Dwarf Essex Rape
Spring Vetch
Winter Vetch

TABLE

Showing Weight per Bushel, also Quantities
sown per acre of Grass, Grain and
Vegetable Seeds

Weight per Bushel	Quantity per acre Usually Sown
Timothy .....45 lbs.	10 to 20 ½ bu.
Clover, Red.....60 lbs.	10 to 15 lbs.
Clover, Alsike .....60 lbs.	10 to 15 lbs.
Clover, White.....60 lbs.	10 to 15 lbs.
Clover, Crimson.....60 lbs.	10 to 15 lbs.
Clover, Alfalfa.....60 lbs.	15 to 20 lbs.
Red Top, unhulled.....10 lbs.	2 ½ to 3 bu.
Red Top, cleaned.....30-40 lbs.	10 to 15 lbs.
Millet, Hungarian.....48 lbs.	½ to 1 bu.
Millet, German.....50 lbs.	½ to 1 bu.
Millet, Japanese.....35 lbs.	½ to ¾ bu.
Millet, Siberian.....50 lbs.	½ to 1 bu.
Bent, Fancy.....35 lbs.	15 bu.
Bent, R. I.....10 lbs.	3 bu.
Orchard Grass.....14 lbs.	2 to 3 bu.
Blue Grass.....14 lbs.	2 to 3 bu.
Fowl Meadow.....11 lbs.	1 to 2 bu.
Lawn Seed.....16 lbs.	3 ½ to 4 ½ lbs.
Lawn Seed, Special.....40 lbs.	1 ½ to 2 bu.
Perennial Rye Grass.....24 lbs.	
Italian Rye Grass.....18 lbs.	
Tall Oat Grass.....12 lbs.	

Yellow Oat Grass.....	8 lbs.
Meadow Fescue.....	15 lbs.
Tall Fescue.....	15 lbs.
Sheep Fescue.....	12 lbs.
Hard Fescue.....	14 lbs.
Meadow Foxtail.....	8 lbs.
Rough Stalked Meadow.....	4 lbs.
Wood Meadow.....	14 lbs.
Crested Dog's Tail.....	28 lbs.
Sweet Vernal.....	11 lbs.
Seed Barley.....	48 lbs.
Seed Wheat.....	60 lbs.
Seed Rye.....	56 lbs.
Seed Oats.....	32 lbs.
Seed Buckwheat.....	48 lbs.
Flax.....	56 lbs.
Canary.....	60 lbs.
Hemp.....	40 lbs.
Rape, German.....	50 lbs.
Rape, Dwarf, Essex.....	50 lbs.
Corn, Field.....	56 lbs.
Corn, Fodder.....	56 lbs.
Corn, Sweet.....	45 lbs.
Beans, White.....	60 lbs.
Beans, Red Kidney.....	60 lbs.
Beans, Fancy.....	60 lbs.
Peas, Smooth.....	60 lbs.
Peas, Wrinkled.....	56 lbs.

(Used in mix-
tures for pas-
tures)
(Grains used
for pastures,
grain lands,
etc.)

2 to 3 bu.
1 ½ bu.
2 to 3 bu.
¾ to 1 bu.
1 to 2 bu.

8 to 12 qts.
3 bu.
8 to 10 qts.
1 ½ bu.
1 ½ bu.
1 ½ bu.
1 ½ to 3 bu.
1 ½ to 2 bu.



INSECTICIDES and FUNGICIDES

SPRAY CALENDAR AND GUIDE

Pest	What to Use	Dilution, lbs.	1st Spraying	2d Spraying	Successive Sprayings
Codling Moth	Dry Arsenate Lead Dry Arsenate Calcium	*1 to 1½ ¾	Immediately after blossoms fall	2 weeks later	Consult your Exper. Sta.
Canker Worm	Dry Arsenate Lead Dry Arsenate Calcium	*1 to 1½ ¾	When young first appear	4-6 days later	" "
Tent Caterpillar	Dry Arsenate Lead Dry Arsenate Calcium	*1 to 1½ ¾	As insects appear	As needed	" "
Leaf Crumpler	Dry Arsenate Lead Dry Arsenate Calcium	*1 to 1½ ¾	About middle of May	As needed	" "
Slug	Dry Arsenate Lead Dry Arsenate Calcium	*1 to 1½ ¾	When insects appear	Repeat 10 da. 2 wks. if necessary	" "
Plum Gouger	Dry Arsenate Lead	*¾ to 1	Before leaves and buds open		
Strawberry Crown Borer	Dry Arsenate Lead Dry Arsenate Calcium	*1 to 1½ ¾	Late summer		" "
Strawberry Leaf Roller	Dry Arsenate Lead Dry Arsenate Calcium	*1 to 1½ ¾	In August		" "
Strawberry Slug	Dry Arsenate Lead	*1 to 1½ ¾	In May when insects appear		" "
Strawberry Root Worm	Dry Arsenate Calcium				
Imported Currant Worm	Dry Arsenate Lead Dry Arsenate Calcium	*1 to 1½ ¾	As soon as insects appear		" "
Gooseberry Fruit Worm	Dry Arsenate Lead Dry Arsenate Calcium	*1 to 1½ ¾	As soon as insects appear		" "
Raspberry Slug	Dry Arsenate Lead Dry Arsenate Calcium	*1 to 1½ ¾	Early in spring		" "
Raspberry Byturus	Dry Arsenate Lead Dry Arsenate Calcium	*1 to 1½ ¾	1st of May		" "
Potato Beetle	Dry Arsenate Lead Dry Arsenate Calcium	*2 to 4 1½ to 2	When insects appear		Repeat as often as necessary

*To 50 gallons of water.

The above recommendations are condensed and are somewhat subject to change depending upon conditions in various sections of the country.

Where an effective combination Insecticide and Fungicide is desired, "Bordo-Arsenate" used at same strength as indicated for Dry Powdered Arsenate of Lead will give splendid results. Dry Powdered Bordeaux Mixture can be used as a dry dust just as it comes from the package or in combination with equal quantities of Dry Powdered Arsenate of Lead or Arsenate of Calcium. When using Dry Powdered Bordeaux Mixture as a wet spray use from three to five pounds to fifty gallons of water for the control of most fungus diseases.

Dry Powdered Insecticides can be used for dry dusting just as they come from the package.

For the convenience of the home gardener, the above table will be of interest.

Dry Powdered Arsenate of Lead where used at strength of one pound to fifty gallons of water, should be used at rate of two to three teaspoonfuls to one gallon of water.

Dry Powdered Arsenate of Calcium where used at rate of three-fourths pound to fifty gallons of water, should be used at rate of two to three teaspoonfuls to one gallon of water.

Dry Powdered Bordeaux Mixture when used at rate of three pounds to fifty gallons of water, should be used at the rate of from nine to twelve teaspoonfuls to one gallon of water.

Dry Powdered Bordo-Arsenate when used at rate of one pound to fifty gallons of water should be used at rate of three to four teaspoonfuls to one gallon of water.

ADVISED DUSTING SCHEDULE FOR APPLES

Time	Material	To Control
1. Late Winter Dormant and Delayed Dormant Stage	Emulso or Soluble Sulphur Compound	Scale, Red Mite and Early Scab
2. Pre-pink Stage After delayed dormant when blossom buds are exposed, but not separated	Kolodust	Apple Scab
3. Pink Stage Just as buds show pink and clusters are starting	Kolotex	Apple Scab, Bud Moth, Case Bearer and certain other chewing insects
3-A During seasons when a period of over five days elapses between pink and calyx Kolodust should be applied again for the prevention of Apple Scab infection. Kolodust contains no poison—will not injure bees.	Kolokil (heavy poison content)	Apple Scab, Codling Moth, Caterpillars and certain other chewing insects
4. Calyx: just after petals fall		
5. Five to ten days after petals fall	Kolokil or Kolotex	Cureulio, Codling Moth, lesser apple worms and green fruit worms.
6. About July 5 to 15	Kolokil or Kolotex	Apple Maggot or Railroad Worm.

(A) The above dusting schedule is merely a guide. Local or seasonal conditions may necessitate changes in time of application. The apple maggot or Railroad worm is best controlled by dusting according to the emergence of the flies. This period is usually the first or second week in July. For control of this insect application should be repeated in 14 days.

(B) In seasons when rains are frequent before petal fall, apple scab is more difficult to control. On such varieties as McIntosh, Reds, R. I. Greenings and other susceptible varieties frequent applications should be made in order to keep all new growth covered against infection.

(C) Orchards should be kept under continued observation after applications for the control of Apple Maggot (as indicated in the schedule) have been made. Weather conditions may be conducive to the development of apple scab or sooty blotch and under such conditions further applications of Kolodust will be necessary. Late Codling Moth may become serious in which case it will be necessary to make further applications of Kolokil or Kolotex.

(D) Dust with A-1 Mixture when Aphid becomes serious.



INSECTICIDES and FUNGICIDES

NIAGARA DUSTING MATERIAL.

STANDARD MIXTURES.

Name	Principal Ingredients	General Use
Super Sulfodust	Dusting Sulphur with special spreader and sticker—300 mesh or finer.	Standard Sulphur Fungicide without poison for Apple Scab, Brown Rot, etc.
Kolodust (Patented)	Fused Sulphur Dust containing colloidal sulphur. A dust you can see stick.	The new exclusive Niagara Fungicide without poison for Apple Scab, Brown Rot, etc.
Kolotex (Patented)	Kolodust and Lead Arsenate.	The new exclusive Niagara Sulphur Fungicide with Lead Arsenate for chewing insects and diseases of apples, pears; Coddling Moth, Strawberry Weevil.
Kolokil (Patented)	Kolodust with greater poison content than Kolotex.	The new exclusive Niagara Sulphur Fungicide with heavy Lead Arsenate content, for chewing insects and diseases of apples, pears, etc.
D-25	Copper Lime Dust containing Monohydrated Copper Sulphate.	High content Copper Lime Dust for control of plant diseases such as potato blight where severe blight conditions prevail.
D-18	Monohydrated Copper Sulphate and Calcium Arsenate (poison)	Standard copper fungicide with poison for control of potato bugs and blight.
A-1 Mixture	Nicotine Dust containing guaranteed analysis 2.7% actual nicotine.	For Aphids, Red Bug, Pear Psylla, etc. The standard contact dust for sucking insects.
Koloform	An effective non-caustic summer fungicide containing colloidal sulphur used for spraying in place of caustic spray material. Will not burn or russet fruit.	Koloform is a non-caustic Summer spray material containing colloidal sulphur used for the control of such diseases as Apple Scab and Brown Rot of stone fruits.
Emulso (Oil Spray)	Perfectly emulsified and stable oil emulsion for use with hard or soft water. Can be used in combination sprays with Dry Lime Sulphur, Bordo Mixture, Lime Sulphur Solution, Soluble Sulphur Compound when necessary to provide a fungicide.	

Arsenate of Lead Powder

Arsenate of Lead Powder kills most leaf-eating insects like Potato Bugs, Canker Worms, Elm Leaf Beetle, Gypsy and Brown Tail Moths, Potato Beetle and similar insects that feed on the foliage.



Bordeaux Mixture Powder

Bordeaux Mixture Powder can be used wherever paste Bordeaux Mixture has been used heretofore. It is splendidly adapted for both fruit trees and truck crop work, and can be used in combination with any insecticide, either as a dry or a liquid spray.



Bordo-Arsenate Powder—The Two-in-One Spray

This product combines the killing properties of Arsenate of Lead and the fungus preventative qualities of Bordeaux Mixture.

Dry Powdered Bordo-Arsenate being a scientific combination of Arsenate of Lead and Bordeaux Mixture will control both external leaf-eating insects and fungus diseases at the same time. It is prepared in dry powdered form which is a decided advantage over the old form of paste products.



Lime-Sulphur Powder

Lime-Sulphur Powder is an improved standard spray material. Safe and effective, not only as a dormant spray, but also as a summer spray in combination with Arsenate of Lead. Tested by experiment stations and found superior to all dry compounds on the market, in safety and effectiveness. It will control San Jose Scale and many other scale insects. It is effective against Leaf Blister Mite, Peach Leaf Curl, Apple Scab and Brown Rot of cherries and plums.



Arsenate of Calcium Powder

The use of Arsenate of Calcium Powder as a stomach poison for controlling leaf-eating insects has become more general each year.



Paris Green

Paris Green is the oldest and most widely-used spray poison on the market. As a spray on potatoes against "bugs" it has no peer.

Paris Green kills quickly on account of its high arsenic content and will not burn the foliage of potatoes because of its low percentage of water soluble arsenic.

Carbola

Carbola is a white paint in powder form combined with a disinfectant twenty times stronger than carbolic acid. It is neither poisonous nor caustic. It is ready to use as soon as mixed with water—no waiting or straining. It can be applied with a brush or spray pump to wood, brick, stone, cement, plaster-board, etc., or over whitewash.

It paints and disinfects at one operation, and is recommended for use



P. A. C. Formaldehyde

Prevents and Eradicates Stinking Smut of Wheat

For Oat, Wheat and Rye Smut (except loose smut of wheat and barley which this preparation will not control) spread the seed on the floor, sprinkle with P. A. C. Formaldehyde, 1 pound (1 pint) to 36 gallons of water, and shovel over to mix thoroughly, after which spread out and dry.



For Potato Scab, and to destroy other germs on seed potatoes, soak two hours in P. A. C. Formaldehyde, 1 pound to 15 gallons of water. Price, 1 lb. tins, \$.45

Kerosene Emulsion

is an article of wide and varied usefulness. It kills the green plant louse scale and many other sucking insects at once.

Price: 1 pt., .30; postpaid, .40; 1 qt., .50; postpaid, .60.



Dr. Hess Dip and Disinfectant

Means Better Health Conditions
For Your Farm Stock

It kills body parasites. It destroys disease germs. It keeps down foul odors. It makes healthful living quarters. It keeps the skin clean and healthy. Stock health is the basis of stock thrift.



For Household Use

For the Sick-room. Make a solution of Dr. Hess Dip and Disinfectant, 1 tablespoonful to a quart of soft, lukewarm water. Place in an open vessel in the sick-room and renew every other day.

Price: 1 qt., .65, postpaid, .75; 2 qts., \$1.00, postpaid, \$1.15. 1 gallon, \$1.75.

COOPER'S SHEEP DIPPING POWDER

The Original Powder Dip

One package makes twenty-five gallons of dip.

Price, .65; postpaid, .77

Sulphate of Copper—Blue Vitriol

For making Bordeaux Mixture with Hydrated Lime. Market prices.

Oriole Brand Pine Tar

1 Pint, .25, postpaid, .35; 1 quart, .35, postpaid, .50.

Oriole Brand Coal Tar

1 pint, .20, postpaid, .30; 1 quart, .30, postpaid, .45.

Instead of Whitewash and as a Disinfectant

	Used in	
Stables	Factories	Outbuildings
Cellars	Hog Pens	Dog Kennels
Dairies	Creameries	Rabbit Hutches
Garages	Warehouses	Poultry Houses

Makes Work Easier. Gives Better Results

Saves Time, Labor and Money

5 pounds (5 gal.).....	.75	Postpaid .90
10 pounds (10 gal.).....	1.25	Postpaid 1.50
25 pounds (25 gal.).....	2.75	Postpaid 3.15
50 pounds (50 gal.).....	5.00	

Creonoid

Barrett's Creonoid is an up-to-date preparation from coal tar of invaluable service to the poultrymen, stock raisers and farmers. It eliminates flies and mosquitoes, and insures sanitary conditions in stables, stock sheds, around barnyards, etc.

Price, gallon cans, **\$1.25**



CROW CORN OIL

Protects newly planted corn from crows. Mix one part Anti-Crow Corn Oil with two parts hot water.

Price, .35; postpaid, .45



Crow Repellent

Stanley's Prevents crows, other birds, and animal pests from pulling corn. Protects corn from rot caused by moisture. Does not clog planter.

Price: Small can, enough for 1 bushel corn, \$1.00, postpaid, \$1.10.



Powdered Hellebore

For use against leaf-eating insects such as rose slugs, currant worms, cabbage worms and many other leaf-eating insects where mild poison is required, as Powdered White Hellebore. Not available.

Price, 1/2 lb., .25



Gypsy Moth Creosote

This is a special Creosote preparation for painting the egg clusters of the Gypsy Moth. The eggs are laid in the fall in clusters of two hundred to six hundred and should be destroyed between September and April.

Prices: 1 pt., .50, postpaid, .60; 1 gal., \$1.25.



Insect Powder and Bellows Combined

Red Wing is the best Insect Powder that can be procured and once you try it you will use no other. For the destruction of Roaches, Bed-Bugs, Fleas, Moths, Ants, Flies, etc.

Prices: Small, .10, Parcel Post, .05. Large, .25, Parcel Post, .06.



FLIT

A scientific household insecticide.

Flit kills flies, mosquitoes, moths, ants, bed-bugs, roaches, many other household insects, their eggs and larvae. Flit is a 100% effective insecticide, containing no inactive ingredients. In exhaustive tests Flit spray did not stain the most delicate fabrics.

Prices: 1 Half pint can, .50; postpaid, .60; 1 pint can, .75, postpaid, .87; 1 qt. can, \$1.25, postpaid, \$1.40; gallon can, \$4.00. Flit hand sprayer, .35, postpaid, .45.



VOLCK

Volck is one of the most powerful insecticides known. It is effective on practically all insects on ornamental and flowering plants. Wonderful results have been obtained against red spiders, cyclamen mite, aphids (green fly), scale, mealy bugs, thrips, and caterpillars. Many pests that could not be controlled before are now killed with Volck. Even mildews and rusts are prevented and stopped by Volck. Not only does

Volck give effective control of pests, but it also prevents reinfestation for a considerable period. Volck is odorless, colorless and non-poisonous. There is no unsightly residue. Plants are deep glistening green after using Volck.

Prices: 1/2 pt. cans, .50, postpaid, .60; 1 pt. cans, .75, postpaid, .87; 1 qt. cans, \$1.00, postpaid, \$1.15; 1 gal. cans, \$3.00, postpaid, \$3.20.



Evergreen

Kills cutworms. Non-poisonous. Will not burn or injure the tenderest crop. Does not injure the soil in any way. Will not gum sprayers. Pleasant and easy to use. No unpleasant odor. When undiluted Evergreen retains its strength indefinitely.

To kill Cutworms, use one part of Evergreen to 100 parts of water. Spray around plants, wetting ground thoroughly. Cutworms coming in contact with the solution will come to the surface and die. Keep ground around plants moist. Do not use soap.

Prices: 1 ounce bottle, .35, postpaid, .45; 6 ounce bottle, \$1.00, postpaid, \$1.10; 16 ounce bottle, \$2.00, postpaid, \$2.15.



All Prices Subject to Change Without Notice



BUG DEATH

Bug Death is a fine, tenacious powder, scientifically compounded and finely ground. It may be applied in water or DRY, just as it comes in package. We recommend DRY application; no drawing water, no mixing solutions. The best time for dusting is early morning when plants are wet with dew, which makes the powder "stick like all possessed."

Prices: 1 lb., Sifter Top Carton, .20; postpaid, .30; 12½ lb. box, \$1.60, postpaid, \$1.85; 100 lb. Bag, \$10.00.



DICKEY BUG DEATH DUSTER



For use in applying BUG DEATH, DRY, to small flower or vegetable gardens. It is a mighty handy thing to have around the house.

Price, .50; postpaid, .60

Fly-Tox

Clean and Fragrant

A Modern Insecticide for the Modern Home

Flies are a daily and deadly menace to the health and comfort of the people in your home. Flies carry germs and transmit disease. Kill the flies and stamp out infection. Spray Fly-Tox upward, saturating the atmosphere of the room, and all flies which come in contact with the clean, fragrant mist will die within a short time. Fly-Tox will not stain curtains or wall coverings.

The mosquito, like the fly, spreads disease and causes distressing annoyance by its mere presence. Kill the germ-carrying, biting mosquitoes with Fly-Tox.

Prices: Half-pint bottle, .50, postpaid, .60; Pint bottle, .75, postpaid, .87; Quart bottle, \$1.25, postpaid, \$1.40; Gallon bottle, \$4.00.

Gator-Hide Mulch Paper

Gator-Hide stimulates and hastens plant growth and produces bigger, sturdier, earlier crops or blooms. And remember, there is absolutely no weeding or cultivating in the soil that is covered by the paper.

It's so simple—this better way of growing garden things

—so much easier that there's small wonder that in place of the thousands who tried it last year, there will be hundreds of thousands planting with Gator-Hide this season.

Try Gator-Hide Mulch Paper this year—Full instructions furnished with every roll.

Type A (Light Weight)

Width	Length	Sq. Ft.	Per Roll
18 in.	900 ft.	1,350	\$3.50
36 in.	900 ft.	2,700	7.00

Type B (Heavy Weight)

Width	Length	Sq. Ft.	Per Roll
18 in.	450 ft.	875	\$3.50
36 in.	450 ft.	1,350	7.00



BETTER MILK

BETTER DAIRY and FOOD PRODUCTS
by using

B-K

STERILIZER — CLEANSER — DEODORANT
POWERFUL — SAFE — CLEAN — NON-POISONOUS
COLORLESS

Note These Remarkable Qualities of B-K

Powerful. By U. S. Hyg. Lab. Method of Test B-K has coefficient 10—i. e.—10 times greater germ killing strength than undiluted carbolic acid.

Safe. B-K contains no poison, acid, oil, or anything harmful to food products. Sterilizes utensils—is not a preservative.

Cleaner and solvent of casein and bacteria.

Deodorant. It destroys all odors and their cause—leaves no odor of itself—helps to keep the dairy and the products clean and sweet.

Clean. B-K is clear, and clean as water.

Cheap to Use. B-K is so powerful that very little makes many gallons of sterilizing solution.

Put up in single gallon and single 5-gallon packages each separately boxed.

For Highest Sanitation in

Milk Plant	Farm Dairy	Creamery
Condensery	Milk Powder Plant	Cannery
Cheese Factory	Food Product Plant	
Ice Cream Factory	Bottling Plant	

Prices: Quart Bottle, \$1.25; Gallon Bottle, \$3.00; Five Gallon Jug, \$12.50.

RAT CORN



After eating Rat Corn he is mummified.

RAT CORN

It mummifies them. No matter where they die they simply DRY UP. Positively do not smell.

Rat Corn is a new and scientific discovery, and without a doubt the greatest rat destroyer in the world; the only one that kills rats without any bad, dangerous or disagreeable effects. A trial will convince you.

Prices: Small, .30. Medium, .50. Large, \$1.00 Postpaid.



STIMUGERM

LEGUME INOCULATION

A SEED INOCULANT THAT INCREASES CROP PRODUCTION

Seeds of all legumes will yield far better if inoculated with **Stimugerm**, and in addition leave in the soil a heavy deposit of nitrogen which benefits all succeeding crops. Gardeners and farmers who have used **Stimugerm** would not be without it.

Stimugerm is a culture especially selected and bred for maximum vitality and ability to form nodules and take nitrogen from the air. We believe in inoculation and recommend the use of **Stimugerm** on all plantings of Alfalfa, Clovers, Beans, Peas, Vetch, etc.

A special composite culture is prepared for peas, beans and sweet peas—Garden Size only. You'll get more peas and beans, and larger sweet peas by using this.

Ask for No. 5, Price .25, postpaid, .30

Prices for Small Seeds—Clovers, Alfalfas, etc.

1/4-bu. size.....	.35	Postpaid.....	\$.40
1/2-bu. size.....	.60	" .....	.65
1-bu. size.....	1.00	"	1.05
2 1/2-bu. size.....	2.25	"	2.35

Prices on Cultures for Large-Size Seeds, Soy Beans, Cowpeas, Peas, Beans, Vetches, etc.

1/4-bu. size.....	.35	Postpaid.....	\$.40
1-bu. size.....	.60	" .....	.65
5-bu. size.....	2.25	"	2.35

How to Order: Specify crop and number of bushels you wish to inoculate.



Stim-U-Plant

An All-the-Year Fertilizer for Garden and House Plants

Growers of fine flowers, shrubs and vegetables for the best markets and for exhibition, fertilize and stimulate them frequently, a little at a time. An excellent fertilizer for this purpose is **Stim-U-Plant**, an odorless, highly concentrated plant-food, in tablet form, with guaranteed chemical analysis of 11 per cent. nitrogen, 12 per cent. phosphoric acid, 15 per cent. potash. The proportions are accurate.

Make Your Garden a Wonder Garden

These tablets increase production, heighten color and improve quality. Many professional and amateur growers use them extensively all the year round—from early spring until late fall outdoors, during the winter for pot plants, hot-house benches, etc.

Stim-U-Plant Tablets

Can be used in tablet form, or dissolved in water at the rate of one tablet to the quart. Complete directions with every package.

Order **Stim-U-Plant** tablets with your seed and plant order. Price, 10 tablets for 15 cts., postpaid, .20; 30 for 25 cts., postpaid, .30; 100 for 75 cts., postpaid, .80; 1,000 for \$3.50, postpaid, 3.75.

Sulphur Candles

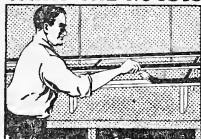
The Crater Sulphur Candle Fumigator. 1/2 lb. size, .15, postpaid, .25; 1 dozen, \$1.25, postpaid, \$1.50.



Kills Aphids
It Works While They Roost

A concentrated solution of Nicotine Sulphate. Active ingredients Nicotine 40%. For spraying fruit trees to destroy soft-bodied sucking insects. Each sucking insect must be "hit" by spray to be affected.

"PAINT" THE ROOSTS



WITH BLACK LEAF 40

When chickens perch upon roosts that have been "painted" with "Black Leaf 40," fumes are slowly released and penetrate the feathers, killing the body-lice; no interference with egg production nor any discomfort to the birds. It is for these several reasons that poultry experts have welcomed the "Black Leaf 40" treatment so enthusiastically.

Packing and Prices

2-lb. tin (Treats 385 to 480 running ft. of roost)	\$3.25
1/2-lb. bottle (Treats 90-120 running ft. of roost)	1.25
1-oz. bottle (Treats 12 to 15 running ft. of roost)	.35

Tree Tanglefoot

For protecting trees against climbing insect pests in a simple, economical and effective way, use **Tree Tanglefoot**—a sticky substance applied directly to the bark of trees. One application remains sticky on the trees three months, fully exposed to the weather. Easily applied with a small wooden paddle. One pound will make a band 7 to 8 feet long.

Price: 5-lb. can, \$2.50, postpaid, \$2.70.





SEED DISINFECTANTS

Control Seed-borne Diseases of Farm Crops
Stimulate Germination - Improve Stands
Generally Produce Increased Yields of Higher Quality

CERESAN

for seed treatment of small grains



PRICES	
8 oz.	\$.50
1 lb.	.75
5 lbs.	3.00
25 lbs.	12.50
100 lbs.	49.00
300 lbs.	144.00

Ceresan has proven effective in controlling such seed-borne diseases as bunt or stinking smut of wheat; stripe disease of barley; loose and covered smuts of barley and oats and covered kernel smut of sorghum. It is the only dust treatment which has successfully controlled these destructive grain diseases. Ceresan does not injure the seed nor the grain drill. Only 2 oz. of Ceresan required per bushel of wheat, rye or sorghum and 3 oz. for barley and oats. Easy to apply, economical to use.

SEMESAN BEL

for seed white and sweet potatoes



PRICES	
4 oz.	\$.50
1 lb.	1.75
5 lbs.	8.00
25 lbs.	31.25
100 lbs.	120.00
300 lbs.	345.00

Simply mix, dip, drain, dry and your seed potatoes are ready for planting. Semesan Bel may be used on either whole or cut seed pieces. Semesan Bel effectively controls such seed-borne disease organisms as scab, rhizoctonia and black-leg. By controlling these diseases, germination is generally increased, stand improved and the resultant crop bigger and of better quality. One pound treats 16 to 20 bushels of seed. Du Bay Semesan succeeds the products sold as Du Pont Semesan Bel and Bayer Dipdust.

SEMESAN JR.

for seed field and sweet corn



PRICES	
4 oz.	\$.50
1 lb.	1.75
5 lbs.	8.00
25 lbs.	31.25
100 lbs.	120.00
300 lbs.	345.00

Semesan Jr. is especially effective in controlling seed-borne infections of diploidia, Gibberella and Basiporiom, without harming the seed embryo in the least. Its use protects the seed from rotting in the ground and makes possible earlier planting which generally results in increased yields. Improved germination, better stands, control of certain diseases, increased yields are the benefits which thousands of farmers are reaping, at a cost of less than 3c. an acre. Succeeds the products sold as Du Pont Semesan Jr. and Bayer Dust.

SEMESAN

for flower and vegetable seeds



PRICES	
2 oz.	\$.50
1 lb.	2.75
5 lbs.	13.00
25 lbs.	56.25
100 lbs.	220.00
300 lbs.	645.00

Semesan may be applied in dust or liquid form to the seed before planting. It is harmless to the seed but deadly to disease organisms that may be on the seed. Semesan is such a powerful and effective disinfectant that seed treatment with it is ridiculously low in cost, ranging from 1/4c. to 1c. per pound of seed. One ounce treats 15 lbs. of seed. Effective in controlling damping off and such devastating gladiolus diseases as hard rot and scab. Du Bay Semesan succeeds the products sold as Du Pont Semesan and Bayer Uspulun.

Du Bay Seed Disinfectants, like many agricultural chemicals, are poisonous in nature and owing to present Postal Regulations cannot be sent through the mails but must be sent by express or freight.

Treat All Seeds Before Planting with Du Bay Disinfectants

VIGORO FOR GARDENING SUCCESS



For Beautiful Lawns and Gardens

GOOD seed, bulbs and plants, and the right kind and amount of plant food are essential.

Vigoro, the complete, scientifically prepared plant food furnishes all the different elements needed for quick, velvety-green lawns; large, richly colored flowers; healthy,

full-foliaged trees and shrubs; and early vegetables that are crisp and delicious.

Vigoro is clean, odorless, and easy to use. It's economical, too!

More than 3,000,000 homes now use Vigoro.

Order enough for everything you grow.

Prices

100-lb. bag	\$ 6.00
50-lb. bag	3.75
25-lb. bag	2.00
5-lb. pkg.	.60
12-oz. pkg.	.10

Prices are f. o. b.

Complete directions in every bag.

VIGORO

Complete plant food

A product of Swift & Company



For Lawns, Gardens, Flowers, Shrubberty, and Trees



Vigoro produces thick, velvety-green lawns with deep extensive roots; helps choke out weeds; and increases humus in the soil. It makes flowers larger and more beautiful; produces early delicious vegetables, luxuriant shrubberty, and healthy, full-foliaged trees.

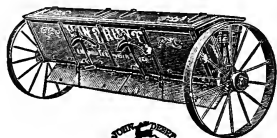
LISTER'S FERTILIZERS

A FERTILIZER FOR EVERY CROP AND
DIFFERENT SOIL REQUIREMENTS

BRANDS	GUARANTEED ANALYSIS		
	Ammonia	Ava. P.	A. Potash
Lister's Success	2	8	2
Lister's Complete General ..	3	8	4
Lister's Peerless Manure ...	4	8	7
High Grade Acid Phosphate.	0	16	0
R-R	Fertilizer		
	Ground Bone Nitrate of Soda		

Write for prices.

Van Brunt Lime and Fertilizer Sower with
Oscillating Agitators



"PREMIER" BRAND

Pulverized Poultry Manure Pulverized Sheep Manure

A complete natural fertilizer, supplying all the necessary plant food elements—Nitrogen, Phosphoric Acid and Potash—in combination with organic matter or humus, and it is this natural combination that produces the peculiar action and effect in the soil which can only be had from animal manures. It can be used without fear of weeds and foreign grasses that always follow the application of ordinary stable manures.

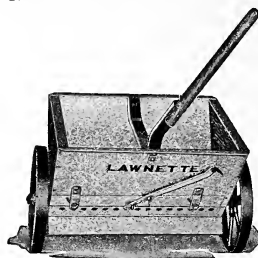
For the lawn there is nothing better, and its convenience makes it the logical fertilizer. There is no straw or other refuse in it as is always the case with crude manures. Barnyard manure should never be applied to a lawn, as it usually contains seeds of noxious weeds, which germinate and grow. A few weeks will show surprising results.

Its use on the vegetable garden will double the yield and insure better vegetables, also hurry the growth for earlier table use. Probably the best way to use it is to scatter it broadcast, harrowing or raking it lightly but reserving a little to use in the hills or drills. Then the young plants will have some nourishment close at hand to give them a good start.

Sizes, 5 lb., 25 lb., 50 lb. and 100 lb. bags. Write for prices.

THOMPSON SPREADERS

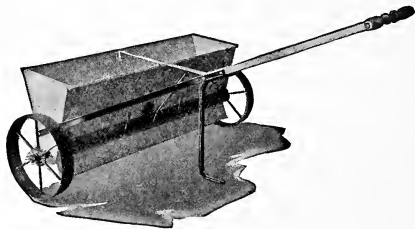
What They Do: Spread rapidly and uniformly over every inch of ground, at the rate desired, all the materials needed to develop and maintain nice, velvety lawns: grass seed, plant food, highly concentrated chemical powders for control of pests, fungus and other turf diseases; pulverized sheep manure, sand, top dressing, charcoal, lime, etc.



Thompson Lawnette No. 115
(Patents Pending)

This great new lawn tool was especially designed for small lawns. Merely fill the hopper from the container (your hands need not touch the material). It holds 25 lbs. Set the slide and run it over the lawn. So simple, so easy, a child can run it. Spreads 14 inches wide and operates faster than a lawn mower. Very substantially constructed and has a quick acting slide adjustment. Spreads accurately and uniformly the materials mentioned above.

No. 115 Thompson Lawnette, parcel post or express, \$7.50.



Thompson Wide-Spread No. 315
(Patents Pending)

Non-clogging Force Feed

For the larger lawns, golf courses, parks and cemeteries. Hopper capacity, 1½ bu.; spreading width, 3 ft. Run it like a lawn mower. The baffle plate holds the weight of the material in the hopper. It has a simple and positive feed control. Set it for any quantity and the slide opens quickly at that point. A very durably constructed machine which will spread rapidly and uniformly all the materials mentioned above.

No. 315 Thompson Wide-spread, \$20.00
Shipping weight, 65 lbs.



Queen Incubators



Queen Standard

and live but a few days, mean nothing to you but trouble and loss. They make one sick of the poultry business.

Most of the chicks you lose in the first few weeks die because they did not have, when hatched, enough strength or vitality for a good start.

A Queen costs but little more, and the extra chicks that live and grow soon pay the difference.

Remember, it is not how many chicks you HATCH that counts, but how many you RAISE. Chicks that hatch out weak and wobbly,

Proper Insulation

The Queen is doubly insulated. First we use double walls of California Redwood, forming a dead air space. Second, corrugated strawboard is used between the wooden walls.

Queen Hot Water Heating

The Queen System of hot water heating prevents the drying out tendencies found in hot air incubators and provides a soft, uniform heat over every part of the egg chamber—a heat that is most natural for the hatching eggs. The circulation of water through the radiator prevents any moisture being added or taken away from the eggs. When it becomes necessary to remove the lamp, the hot water circulating through the radiator maintains an even heat within the egg chamber without the slightest variation.

Built of California Redwood



Queen Style K

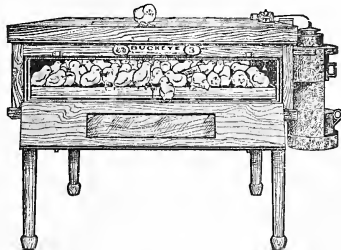
The Queen is the only Incubator that carries out the double redwood wall construction all around, and provides a double wall front, in the way of two separate doors. The outer door is a solid panel of redwood that is hinged entirely independent of the inner door.

The inner door is also of redwood construction, containing a panel of glass the full length and height of the egg chamber.

Write for prices.

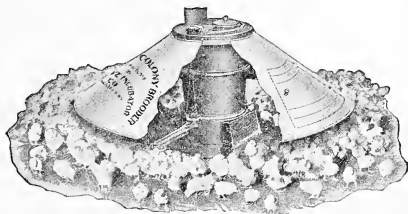
All Prices Subject to Change Without Notice

BUCKEYE INCUBATORS AND BROODERS



Stop Hatching Weak Chicks
With Cheap Incubators

	Price
No. 65—75 Eggs	\$18.50
No. 66—143 " with Automatic Egg Turners	39.50
No. 67—286 " " " " " "	57.75
No. 68—416 " " " " " "	76.50
No. 69—576 " " " " " "	97.50



Coal-Burning Colony Brooders

	Price,
No. 117—350 Chicks, 42 in. Canopy	\$15.00
No. 118—500 Chicks, 52 in. Canopy	17.50
No. 119—1000 Chicks, 56 in. Canopy	22.50
No. 120—1200 Chicks, 60 in. Canopy	26.50



Blue Flame Colony Brooders
(Equipped with Small Burner)

	Price,
No. 27-A Blue Flame—200 Chicks	\$14.50
No. 80 Blue Flame—350 Chicks	15.50
No. 81 Blue Flame—500 Chicks	16.50

Blue Flame Colony Brooders
(Equipped with Giant Burner)

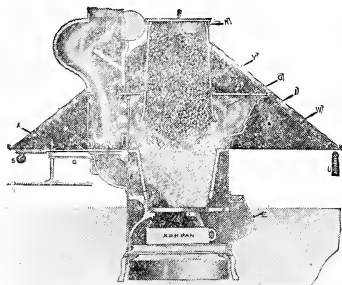
	Price,
No. 29-A Blue Flame—500 Chicks	\$18.50



NEWTOWN Colony Brooder

Coal-burning, Self-regulating

The Newtown Coal-burning Colony Brooder needs no introduction to poultrymen. It was the first coal-burning, self-feeding, self-regulating Colony Brooder put upon the market—has been longer in use than another of its type—and is giving efficient service in every State of the Union and nine foreign countries. It represents the modern up-to-date brooder in the highest form of development. The Newtown way is the proven road to better profits.



These famous Newtown features insure: Superabundance of Heat. No crowding. Correct warmth for every chick. No chilling. No Overheating. Plenty of fresh air and exercise for all the Chicks.

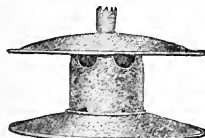
No.	Canopy	Weight	Price
7	48 in. Dia.	140 lbs.	\$25.00
11	50 in. Dia.	195 lbs.	32.50
12	56 in. Dia.	280 lbs.	40.00

The No. 7 Newtown Coal-burning Colony Brooder is designed especially for single room brooder houses, approximately 6x8 to 10x12, and flocks of 200 to 300 chicks.

The Nos. 11 and 12 were designed especially for two-room colony houses, or large single room buildings.

The No. 11 for approximately 240 square feet and up to 500 chicks. The No. 12 for 400 square feet and up to 1000 chicks.

Putnam Brooder Heater



Build your own brooder with a Putnam Brooder Heater and a small shoe box. At no price, high or low, can a brooder be bought so economical of both fuel and labor, so simple and easy to operate, so perfectly ventilated, or one which will so surely raise healthy, vigorous birds. Suitable for 25 chicks. Price, \$4.75; postpaid, \$4.90

Wafer Thermostats

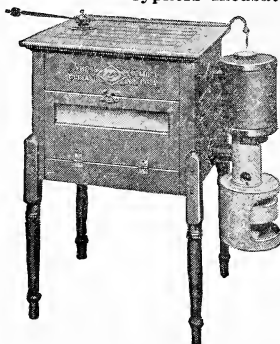
- 3 inch tin for Queen and Buckeye Brooders, .60; postpaid, .67
5 inch brass for Newtown Brooders, \$1.50; postpaid, \$1.60

All Prices Subject to Change Without Notice

Little Putnam Stove

The Little Putnam Stove is eight inches in diameter and four inches high. It is made of galvanized iron and brass. For use under drinking vessels in the poultry house to keep water from freezing during the winter months. Price, \$1.95; postpaid, \$2.07

Cyphers Incubators

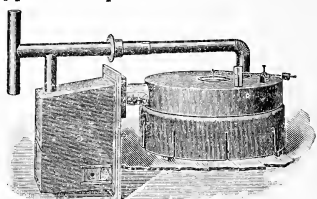


These are machines that for twenty years and more have been recognized as the "Standard hatcheries of the world." Every Standard Cyphers Incubator is guaranteed by the manufacturers to do first-class work in the hands of every purchaser who will give it a fair trial. Are built in four popular sizes.

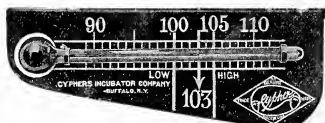
144 Egg Size, shipping weight 145 lbs.	\$40.00
244 Egg Size, shipping weight 195 lbs.	54.00
390 Egg Size, shipping weight 245 lbs.	65.00

Cyphers Adaptable Hover

The Cyphers Adaptable Hover is self-ventilating and self-regulating. It is "adaptable" to use in Colony Coops, in portable houses, in home-made brooder coops, as well as in large brooding houses. It is constructed entirely of non-combustible material, and bears the fire underwriters' Inspected Brooder label. Capacity, seventy-five newly hatched chicks, or fifty chicks that are ten days to six weeks old. Weight 38 lbs.



Price, \$15.00



High Grade Tested Thermometers

- Incubator Thermometer, Plain.....60; postpaid, .67
Incubator Thermometer, with Legs.....70; postpaid, .77
Brooder Thermometer, metal back.....50; postpaid, .57
Brooder Thermometer, wood back.....75; postpaid, .82
Thermometer for Newtown Colony Brooder \$1.00; postpaid, \$1.07

POULTRY SUPPLIES

Poultry Charcoal



Is especially prepared for poultry, carefully screened and is different than other charcoals. Goods are put up in 50-lb. burlap bags in three sizes as follows:

Fine granulated for Brooder Chicks and Dry Chick Food Mixtures.

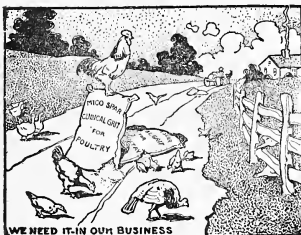
Medium granulated for Half Grown Fowls, Pigeons, etc.

Coarse granulated for Full Grown Fowls, Geese, Turkeys, etc.

Price: Coarse, Medium and Fine, 50-lb. bags, \$1.90 each
Oyster Shells

Crushed and ground to the size which expert poultrymen agree to be the best. Price: 100-lb. bag, \$1.45.

Poultry Grit



Does not become smooth, but retains its cubical form until entirely worn out.

Coarse for Turkeys and Fowls.

Fine for growing Chicks and Pigeons.

Price: 100-lb. bag, \$1.15.

Graylawn Louse-Chase

For lice on Poultry, Cattle, Horses, Mules, Goats and Swine.

5 oz., \$.40; postpaid, \$.50.

12 oz., .65; postpaid, .75.

CONKEY'S POULTRY REMEDIES

Conkey's Head Lice Ointment.

Price: 1 oz., .10, postpaid, .15; 3 oz., .25; postpaid, .30.



Dr. Hess Instant Louse Killer

Kills lice on stock and poultry. Easily applied by putting in dust bath. Hens work it down into the feathers where the lice are. It kills lice on contact. It is also applied directly to the fowl if badly infested.

Kills lice and bugs on cucumber, squash and melon vines—slugs on rose bushes. It is non-poisonous, so may be used on edible plants with entire safety. Comes in handy sifting-top cans.

Prices: 1 lb. carton, .25; postpaid, .35; 2 1/2 lb. carton, .50; postpaid, .60.

DR. HESS POULTRY PREPARATIONS

Dr. Hess Poultry Pan-A-Min

PAN-A-MIN has been known to poultry raisers for more than 30 years as Dr. Hess Poultry Pan-a-ce-a.

It is now a greatly improved product. More minerals have been added. It contains new medicinal ingredients, and other active ingredients in different proportions. The improved product has been given a new name. DR. HESS POULTRY PAN-A-MIN means Pan-a-ce-a plus.

PAN-A-MIN is of high value to moulting hens, in egg production, in reducing chick mortality, in bone and in maintaining health.

feather growth

Prices:	3 lb. Pkg. \$.50, postpaid, .63
	7 lb. Pkg. 1.00, postpaid, 1.20
	15 lb. Pkg. 2.00, postpaid, 2.30
	25 lb. Pkg. 3.00, postpaid, 3.40
	100 lb. Drum 10.00

For Worms in Poultry

Dr. Hess Poultry Ver-Mi-Trol

is a flock treatment. No individual handling of birds is necessary. It is simply given with the feed in two 10-day courses, three weeks apart, with DR. HESS POULTRY PAN-A-MIN fed regularly.

It is not drastic, does not throw hens or pullets off production and does not interfere with growth and development of young birds. It is palatable, all birds eat it readily.

Prices:	4 lb. Pkg. \$1.25, postpaid, \$1.40
	10 lb. Pkg. 2.75, postpaid, 2.95

Dr. Hess Poultry Tablets

(Formerly Roup Tablets)

While there is no absolute cure for roup, DR. HESS POULTRY TABLETS are of high value in treating locally the swellings incident to the disease.

The Tablets are used as a local antiseptic and to medicate the drinking water. Thus used, they aid in preventing spread of the disease. Once the Tablets are in solution, they remain so permanently.

Price: 100 Tablets, \$.50, postpaid, \$.57

Dr. Hess Chick Tablets

(Formerly White Diarrhea Tablets)

Most diarrhea conditions in chicks, often mistaken for Bacillary White Diarrhea, are the result of improper feeding or brooding, and can be corrected by DR. HESS CHICK TABLETS. These Tablets are a bowel asstringent to be given in drinking water.

Once the Tablets are in solution they remain so indefinitely.

Price: 100 Tablets, \$.50, postpaid, \$.57



All Prices Subject to Change Without Notice



EAGLE EGG BOXES



Just the thing for the family egg trade. Shipped knocked down, easily set up. Prices: 1 dozen size, .15 per dozen, postpaid, .25; 125 for \$1.25, postpaid, \$1.50.

The
Diamond
Parcel Post
Egg Carrier



Diamond parcel post egg carrier can be used repeatedly for a long time and each one will pay for itself many times in saving eggs from breakage. Shipped knocked down.

Prices: One dozen size, .35 each, postpaid, .40; per dozen, \$3.60, postpaid, \$3.80; two dozen size, .55 each, postpaid, .65; per dozen, \$5.30, postpaid, \$5.55; five dozen size, \$1.00 each, postpaid, \$1.12; per dozen, \$10.50; postpaid, \$11.00.

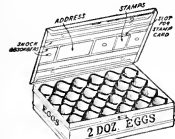
Hatching Sizes

15 egg size, .40 each; postpaid, .46; per dozen, \$3.75; postpaid, \$4.00.

30 egg size, .60 each; postpaid, .68; per dozen, \$6.00; postpaid, \$6.35.

Sell Eggs by Mail

To Your City Friends Shipped in Aluminized Metal Egg Crates

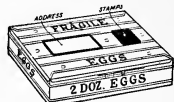


for safely carrying Eggs by mail. Light in weight, but strong.

Indestructible; pays for itself in a few shipments; lasts for years; makes interchangeable shipping easy. Buy yours now and realize more money for your eggs. Your friends want them.

The Metal Edge Filler is a wonder. A new invention and can not be beat

Prices: Two dozen size, \$1.50; postpaid, \$1.60. Three dozen size, \$1.75, postpaid, \$1.85; four doz. size, \$2.00, postpaid, \$2.15; six doz. size, \$2.50; postpaid, \$2.65; twelve doz. size, \$4.00, postpaid, \$4.25; No. 1 Combination, two pounds butter and one dozen eggs, \$1.50, postpaid, \$1.60; No. 4 Combination, six pounds butter, \$2.25, postpaid, \$2.35.



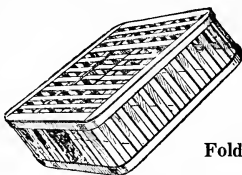
Heavy Shipping Cases

30 Dozen size\$2.25
15 Dozen size \$1.50

Extra Fillers

15 Dozen per set25
30 Dozen per set40
Excelsior Pads 11½ x 11½02 each

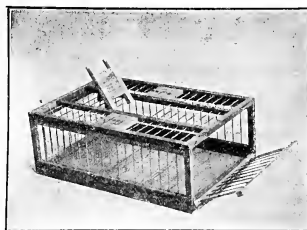
Round Cornered Poultry Shipping Crates



Made of Green Elm, then thoroughly dried. The round corners prevent injury and loss by crowding, so frequent in square cornered crates.

Dimensions 24 in. x 36 in. x 12 in.
Price \$2.50.

Folding Poultry Shipping Crates



Bottom and frame of crates are made of cypress. Sides and top of steel spring wire that will not bend or kink. When empty this crate is folded inward, making a very compact package. It is securely locked when thus folded for shipment.

Price \$3.00.

Caponizing Set

Designed to simplify the operation of caponizing, so that the beginner can easily master it. This set consists of a lancet shaped knife, spring spreader, forceps, hook, ring, ring probe and canula. Price in velvet-lined case, \$3.50. Postpaid, \$3.60.

Poultry Killing Knives

These knives are made of the best steel and of special design. Price: .40 each; postpaid, .50.

All Prices Subject to Change Without Notice

POULTRY SUPPLIES

Duplex Sanitary Fountains
Top section slides into bottom section



Pat. Applied For

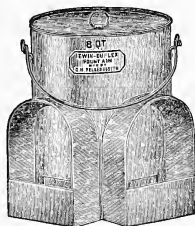
The latest and most practical sanitary fountain on the market. A double fountain. Keeps the water clean and pure and is easy to care for.

4 Quart Duplex Price, \$1.10; Postpaid, \$1.20
8 Quart Duplex Price, \$1.25; Postpaid, \$1.35

Twin Duplex Sanitary Fountain

Double feeding capacity, otherwise same as regular Duplex.

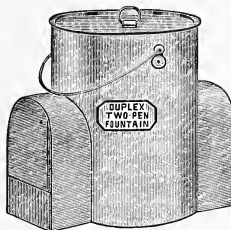
8 Quart Twin Duplex
Price, \$1.50; Postpaid, \$1.60



Duplex Two Pen Fountain

This fountain will serve two pens at same time; gives good results and saves labor.

8 Quart Two Pen
Price, \$1.50; Postpaid, \$1.60.



Two Piece Drinking Fountains

TWO-PIECE GALVANIZED DRINKING FOUNTAINS

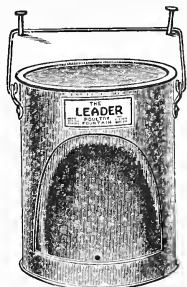
Cone top. Prices: 1 quart, \$30, postpaid, \$35; 2 quart, \$35, postpaid, \$42; 4 quart, \$45, postpaid, \$55.



Leader Sanitary Fountain

Detachable with bail for hanging on wall. 3 gallon has double drinking space.

Prices: 1½ gallon, .80, postpaid, .95; 3 gallon, \$1.40, postpaid, \$1.55.



Felker's Handy Attachment

To be used with any make of Fruit Jar. A Perfect Feeder for Sour Milk, Water, Hard Grain or Grit.

The Container is made of aluminum, the only metal in which sour milk can be fed with safety. It is rust-proof and non-corroding. The HANDY is adjustable, simple to operate and durable.

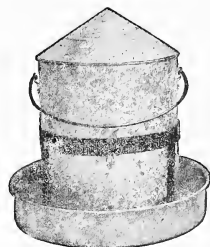
Price, \$.25; postpaid, \$.30.



"Round Table" Drinking Fountain for Poultry

This is the well known "Handy Attachment" principle applied to a large fountain. It is very desirable, easy to fill and clean. These fountains provide over four feet of drinking space. A detachable cone top is provided to prevent fowl from roosting on fountain.

5 Gallon Round Table for Poultry, Price \$2.50, postpaid, \$2.70.



"Round Table" Drinking Fountain for Chickens

It provides almost four feet of drinking space and as the chicks approach it in a circle will accommodate far more at one time than the same amount of straightaway space.

5 Gallon Round Table for Chickens, Price \$2.35, postpaid, \$2.55.



All Prices Subject to Change Without Notice



POULTRY SUPPLIES



Earthenware Drinking Fountains

¼ Gal., each.....	\$0.40
½ Gal., each.....	.50
1 Gal., each.....	.65
2 Gal., each.....	.85

Postage Extra

Wall Founts

All these wall founts have hoods over the troughs, which prevent dirt from settling in the water. Can be hung up on the wall, and for this reason are preferred by many to the 2-piece fount which must be placed on the floor.

Price: 1 gal., .90, postpaid, \$1.00;
2 gal., \$1.00, postpaid, \$1.10.



Ideal Sanitary Freezeless Fount

The simplest, handiest and most practical fountain made. Keeps water the right temperature all the year. Saves time, labor and worry and costs nothing to run.

Prices: Two gallon size, \$3.85.
Three gallon size, \$4.50.
Five gallon size, \$5.50.



Open-Top Fountain

This fountain provides drinking space as follows: 3-gallon size, about 4 feet; 5-gallon size, about 5 feet.

The tank is firmly attached to a heavy, one-piece pan and fills from the top. They are strong and durable.

Prices

3 Gallon, \$1.75
Postpaid, \$1.90
5 Gallon, \$2.25
Postpaid, \$2.45



Insulated Waterer



This waterer offers many unique advantages. All the insulating material is in the slip cover which is easily removed, permitting access for cleaning the entire interior of the tank and trough.

Has automatic operating valve, locking device and drop handle.

No. PW-3—Waterer only, 3 gallon, \$4.30, postpaid, \$4.60

Peerless Drinking Fount

Very easy to clean by simply removing the bottom. Can either be hung on the wall or by the bail.

Price: 5-qt., 85c., postpaid, \$1.05;
10-qt., \$1.15; postpaid, \$1.40.

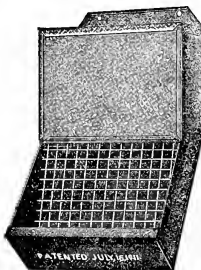


Peerless Brooder Fount

Just the fount for your brooder. Can be set on the floor or hung on the wall within reach of the chickens. Can be cleaned same as large founts.

Price: 1 qt., 35c., postpaid, 45c.

Sexton's Dry Feed Hopper



Open



Closed

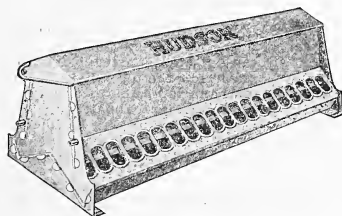
Easy to fill. No waste. Rat proof. Rust proof.

Pronounced to be the best Hopper offered. Simple in construction, easily operated and absolutely "rat" and "mouse" proof.

12 qt.....	Price \$1.60; postpaid, \$1.75
24 qt.....	Price \$2.75; postpaid, \$3.00

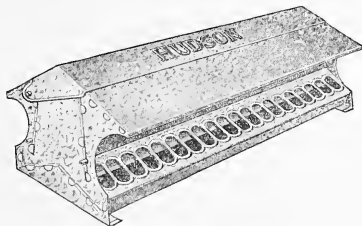
All Prices Subject to Change Without Notice

POULTRY SUPPLIES



A large capacity feeder for baby chicks and growing birds. Tapered hopper prevents clogging. Hinged grill keeps baby chicks out of feed and prevents waste. For large birds grill can be locked into upper position. Cover hinged. Inside carrying handles strengthen walls. Height 8 inches.

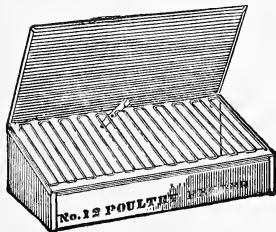
- No. CF-24N Feeder, \$1.35, postpaid, \$1.55
No. CF-36N Feeder, 1.80, postpaid, 2.00
No. CF-48N Feeder, 2.25, postpaid, 2.45



Has same general dimensions as CF-24N series. Wide cover protects contents from rain. Side wall and cover one piece construction. Sturdy and very easy to erect. Hinged cover. Grills can be locked in upper position for feeding large birds. Height 8 inches. Width 11½ inches.

- No. CF-36W Feeder, \$2.15, postpaid, \$2.40

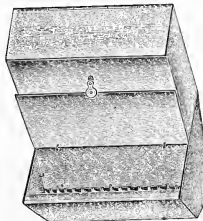
Felker's Dry Mash Feeders



No. 306, for a small colony of fowl or growing chickens. They are dirt and rat proof, and are protected from waste by an especially designed grid. Should be hung on the wall by two nails, as high as the fowl can reach with ease.

- Prices: No. 306, 12 in., \$.85, postpaid, \$.95.

Special Feeder for Dry Mash



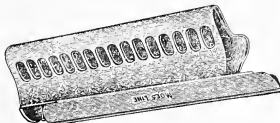
Will not clog or waste. Feeds from the bottom up.

Hang on wall near floor.

Two Sizes

- No. 302, 12 inch, \$1.85
Postpaid, \$2.00
No. 304, 20 inch, \$2.30
Postpaid, \$2.50

Moe's One Forty Feeder



Sliding top cover, easy to fill and clean, and the birds cannot roost on the cover or sides to foul the feed.

No. 140. Feeder capacity, 10 quarts; length, 21 in.; width, 8½ in.; height, 7 in. 16 openings on each side, so that 32 chicks can feed at one time.

Price, \$1.00, postpaid, \$1.15

No. 140-W. Same as above but with wide rain cover.

Price, \$1.25, postpaid, \$1.40



No. 141. Feeder, capacity, 17 quarts; length, 35 in.; width, 8½ in.; height, 7 in., 27 openings on each side, so that 54 chicks can feed at one time.

Price, \$1.60, postpaid, \$1.80

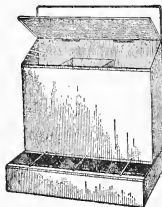
No. 141-W. Same as above but with wide rain cover.

Price, \$2.00, postpaid, \$2.20

Poultry Feeder

Our popular 1-2-3 Poultry Feeder can be used as a one, two or three apartment feeder, by simply changing the dividing walls. Perfectly sanitary and clean.

Price: Small, .75; postpaid, .85; large, \$1.25; postpaid, \$1.45.



All Prices Subject to Market Changes

POULTRY SUPPLIES

Hudson Round Chick Feeder



Can be used for water and all kinds of chick feeds. Enamelled feeders acid resisting and poison proof, safe for milk feeding. Lid fits snugly. Easily removed for cleaning.

No. BMR-8, Enamel Finish, 8 holes,

Price, \$15, postpaid, \$22

No. BMR-12, Enamel Finish, 12 holes,

Price, \$30, postpaid, \$40

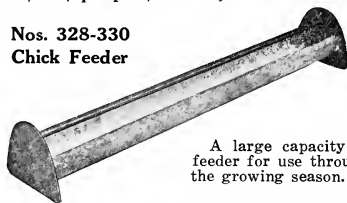
Star Jar Fountain and Feeder, Patented

The most simple, practicable and durable Mason Jar Fountain on the market.

Will fit all sizes of Mason Jars

Price, .15; postpaid, .20.

Nos. 328-330 Chick Feeder



A large capacity chick feeder for use throughout the growing season.

No. 328, 30-inch. Price, \$50, postpaid, \$62

No. 330, 60-inch. Price, \$1.00, postpaid, \$1.15

Nos. 332-334

Hanging Dry Mash Feeder

A Real Feed Saver

A mash feeder designed to be used either hanging or set up off the floor at proper height. Special grid features prevent waste and insure against clogging. Comes equipped with fixtures for hanging. Feeding area about 5 feet in circumference. Made in two sizes with non-roosting covers.

Two Sizes

No. 332, 13 in. high,
\$3.00.

No. 334, 18 in. high,
\$4.00.



X-RAY EGG TESTER

The X-Ray Egg Tester is made of the best black tin and consists of a central cylinder or lamp flue, 5 1/4 inches high with an outside diameter of 2 3/4 inches at the base and 2 3/4 inches at the top. It is designed for use in an ordinary hand lamp, fits over any style of burner with a diameter approximately that of the tester. In a dark room the light will be found strong enough to penetrate the shell and illuminate the interior of the egg. Price: .35 each; postpaid, .40.

The Economy Oats Sprouter

The best device for producing clean sprouted oats. Has five perforated pans, each 16x17 in., and one drip pan at bottom. No lamp, no danger, very durable, compact. Green food all winter if you use the Economy Oats Sprouter, which means bigger egg yields, consequently more profit. Price \$7.25



Leader Adjustable Leg Bands



Latest and best adjustable leg band out.

Has neat, compact and

smooth fastening with no catching points.

Price, postpaid: 12, .12; 100, .80.

Spiralet Leg Bands



Made of celluloid in ten colors. Poultry size.

Price postpaid: 12, .10; 100, .70.

Drives staples, pulls staples, cuts wire, splices wire, straightens wire. Price, \$1.75; postpaid, \$1.85.

STAPLE PULLING PLIERS



Poultry Netting

We carry the well-known New Jersey Netting and guarantee it to be the very best. It is galvanized after weaving.

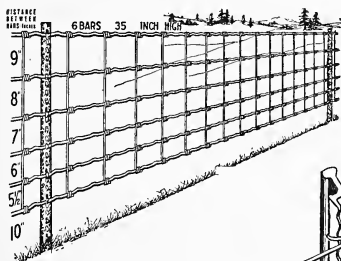


All sizes in both Poultry and Chicken mesh. Write for prices.

All Prices Subject to Change Without Notice



AMERICAN FIELD AND HOG FENCE



Design	No. Bars	Height Inches	Dis. bet. St. in.
635	6	35	12
845	8	45	12
832	8	32	6

Write for our prices

American Field and Hog Fence

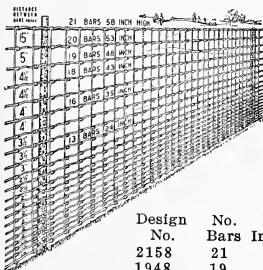
Made of large, strong, high-grade steel wires, heavily galvanized. Ample provides for expansion and contraction. Is practically everlasting. Never goes wrong, no matter how great a strain is put on it. Does not mutilate but does, efficiently, turn cattle, horses, hogs and pigs.

Banner Painted Steel Fence Post

6 and 6 1/2 foot lengths.

Barb wire and fencing are attached with wire loops.

Write for prices.

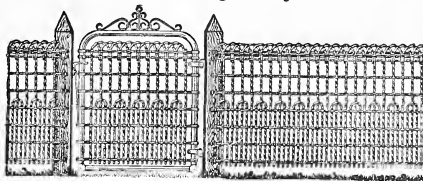


American Poultry and Rabbit Fence

Price on Application.

Design	No. Bars	Ht. Inches	Dist. between Stays	Approx. wt. lbs. per rod
2158	21	58	6	10.3
1948	19	48	6	9.2

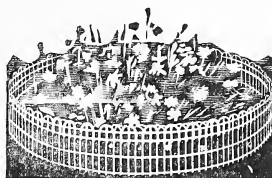
"NORWOOD" Quality Products



Style 600 Lawn Fence

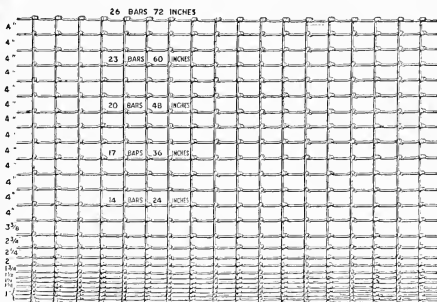
Specifications—No. 9 wire crimped uprights spaced 2 7/8 inches apart. Interwoven at bottom with an additional No. 9 wire crimped upright for a space of 20 inches from bottom.

Price: 42 inches high only, .20 per foot.



Norwood Flower Guard

Prices: 16 in., \$.09 per foot
22 in., .11 per foot

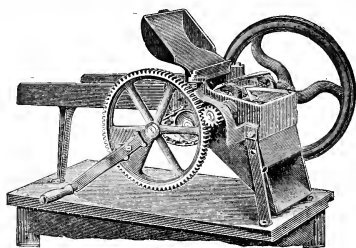


Design Number	Number Bars	Height Inches	Weight per Rod
1936	19	36	4.37
2248	22	48	5.26
2560	25	60	6.14

Write for prices.

All Prices Subject to Change Without Notice

Dairy Supplies



"New Model" Clover Cutter For Poultry

Just the cutter for the poultry raiser. Cuts all kinds of feed, either green or dry. Has removable steel knives, adjustable cutter bar. It runs easy, cuts fine and is durable. With four 7-inch knives.

Our Price, \$18.00



Belle Barrel Churn



- | | | |
|--------|--|----------------|
| No. 3. | Capacity, 20 gallons; will churn 2-10 gallons. | Price, \$11.00 |
| No. 4. | Capacity, 25 gallons; will churn 2-12 gallons. | Price, \$12.75 |
| No. 5. | Capacity, 35 gallons; will churn 3-17 gallons. | Price, \$15.00 |
| No. 6. | Capacity, 50 gallons; will churn 5-25 gallons. | Price, \$31.25 |

All of above churns are complete with stands.
No. 6, without stand. Price, \$26.25.

Stone Dash Churn

- | | |
|-----------------------------------|--------|
| 2 gallons, price with dasher..... | \$1.15 |
| 3 gallons, price with dasher..... | 1.50 |
| 4 gallons, price with dasher..... | 1.75 |
| 5 gallons, price with dasher..... | 2.15 |
| 6 gallons, price with dasher..... | 2.40 |

Standard Sanitary Churn and Mixer

What It Does. It will actually make two pounds of butter from one pound of fresh, sweet milk. The butter is delicious and sweet. Follow directions and you will get results.

(The proportion is one pound of butter to one pound or pint of milk.)

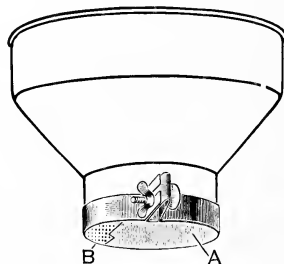
Other Uses. The Standard Sanitary Churn may also be used to make regular butter direct from cream; as a cream and egg beater; as a salad dressing or batter mixer; and as a butter renovator.



PRICES

- | | |
|--------|--------------------------|
| 2 qt., | \$1.50; postpaid, \$1.65 |
| 4 qt., | 2.25; postpaid, 2.45 |
| 6 qt., | 2.60; postpaid, 2.85 |

HORNE'S STRAINER CLAMP AND SEAMLESS MILK STRAINER



Horne's Screw Clamp Strainer

The screw clamp increases the diameter about three-quarters of an inch. The adjustment is made by drawing the edges together with the thumb screw.

Fig. A shows the filtering disc sealed outside the strainer outlet; every drop of milk must pass through the disc. Fig. B shows the perforated disc which removes pressure from the filtering material. The clamp shows the material held firmly in place.

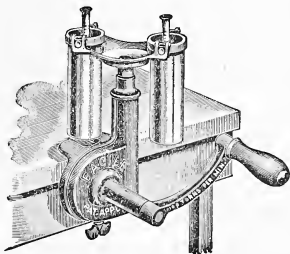
Price 12A Horne Seamless Strainer, complete \$2.50; postpaid, \$2.75.

Combination 7"x7" Disc, cartons of 60, \$.75; postpaid, \$.85.

All Prices Subject to Change Without Notice

The "Facile, Jr.," Babcock Milk and Cream Tester - Cut Steel Gears

An exceedingly simple, light, compact and carefully designed apparatus, especially adapted to the use of the dairy, and also on account of its light weight, to the traveling dairy inspector.



Complete with full set of glass ware consisting of test bottles, pipette and acid measure; also test bottle brush and bottle of acid with full directions for use.

Prices: 2 Bottle Machine, \$11.75; 4 Bottle Machine, \$13.00.

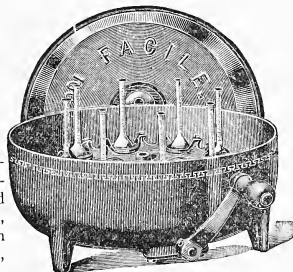
The "Facile" Improved Iron Frame Hand Babcock Milk and Cream Tester

Handsome cast-iron case and cover, cut spur and worm gearing, malleable iron bottle carrier, seamless brass detachable swinging pockets for holding test bottles.

Enclosed gearing, bottles perfectly horizontal when rotating. Turns easily and runs smoothly and noiselessly at a very high speed.

6-bottle machine.....\$23.50

8-bottle machine..... 24.75 12-bottle machine..... 26.00

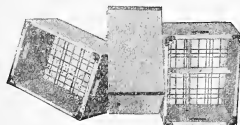


Milk Bottle Cases Wood Cases

20 half-pint.....\$2.40
 16 pint..... 2.00
 12 quart..... 1.75

Galvanized Cases

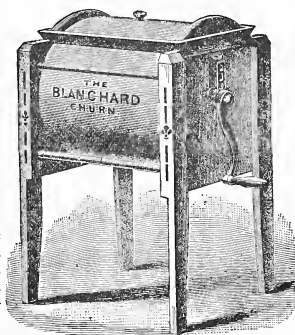
16 pint.....\$3.60
 12 quart..... 3.50



The Blanchard Churn

Get the Best

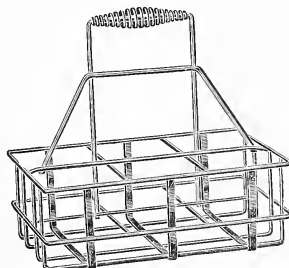
The Blanchard Churn has been so long and favorably known that no extended description is necessary. For those wishing for a well made churn at a little higher price and one that will last a life time, this Churn will meet their requirements.



Capacity

Sizes and Prices

No.	Gals.	Price
4	4	\$12.00
7	16	20.50



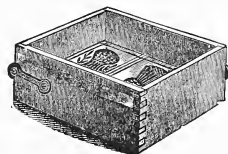
Electric Welded Wire Bottle Carrier

Guaranteed not to break at the welded points.

530.	6 qt. Standard.....	\$1.20; postpaid, \$1.35
531.	8 qt. Standard	1.40; postpaid, 1.55
546.	6 qt. Flat Wire	1.40; postpaid, 1.55
547.	8 qt. Flat Wire.....	1.60; postpaid, 1.75

Genuine Blanchard Butter Molds Machine Carved

½ pound .85 postpaid
 1 pound 1.00 postpaid



All Prices Subject to Change Without Notice



DAIRY SUPPLIES

Aseptic Milking Tube



2 1/4 in., plain. Exact size, .25; postpaid, .30

2 1/4 in., self-retaining. Exact size. Price, .25; postpaid, .30.

The Aseptic Milking Tube is recommended because it is so well finished and easily sterilized. It is manufactured regularly in 1 3/4, 2 1/4, 2 3/4, 3 1/4 inch lengths; plain or self-retaining, as desired.



Milk Test Bottle



Conn. Style Cream Test



Acid Meas.

Milk test bottles, 10 per cent. each \$0.30

Cream test bottles, 0 to 50 per cent each .35

Ohlisons skim milk bottles, each... .75

Milk and cream pipettes, each..... .30

Acid measure, each..... .25

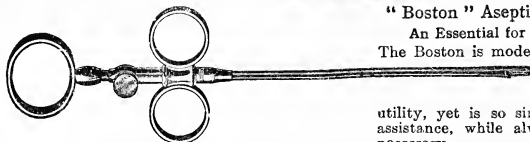
Test bottle brush15



Plain Pipette



Test Bottle Brush — For Cleaning Babcock Bottles



"Boston" Aseptic Stricture Cutter

An Essential for Every Dairyman

The Boston is modeled on improved lines, and embodies the highest class of workmanship and utility, yet is so simple that professional assistance, while always desirable, is not necessary.

Price, each, \$3.00; postpaid, \$3.15

The "Boston" Aseptic Teat Dilator (Dr. Murphy's Modification)



No More Hard Milkers

"Spider" in the teat is easily cured, ~~and~~ sphincter paralysis entirely disappears after a few days' use. Recommended by veterinarians and dairymen.

Price, 25c each, postpaid, .30

Milk Fever Outfit

A cheap, portable, non-destructible apparatus for use in cases of milk fever.

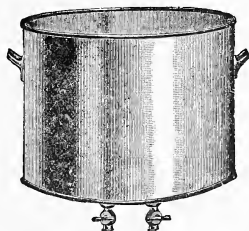
More economic than oxygen apparatus. It can be carried in the coat pocket. No wide-awake veterinarian case is complete without one of these instruments, and every dairymen should be provided with one for an emergency.

Price, each, \$3.75; postpaid, \$3.90



The Sensible Bottle Filler

This is a small tank, heavily tinned and holding about sixty quarts. It has two straight bore faucets in the bottom near the edge. They are inexpensive and very handy for the small milk dealers who do not feel like paying a large sum for one of the larger machines. Price, each \$8.00.



BLANCHARD Butter Carrier



No. 6½	4 trays, 12 lbs. capacity.....	\$3.15
No. 7	4 trays, 16 lbs. capacity.....	3.65
No. 8	4 trays, 24 lbs. capacity.....	4.15
No. 9	4 trays, 32 lbs. capacity.....	4.65
No. 10	5 trays, 40 lbs. capacity.....	5.20
No. 11	6 trays, 48 lbs. capacity.....	6.25

Galvanized Ice Boxes \$1.00; postpaid, \$1.10

With or without galvanized ice boxes.
Will be shipped without ice boxes, unless they are ordered.

Sealright Milk Bottle Caps

35 Point

No. 2, 1 5-8 plain or stock printed cartons of five thousand, \$2.00, postpaid, \$2.25. Cartons of one thousand, .45, postpaid, .57.

No. 1, 1 7-8 plain only. Cartons of five thousand, \$2.35, postpaid, \$2.60.

Champion Milk Cooler Aerator



A perfect Aerator, removing all flavors arising from excessive cabbage, turnip or silo rations.

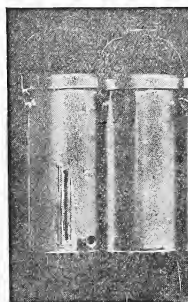
It is equally well adapted to the use of any cooling medium, either running water, ice water, or, if a very low temperature is not required, ordinary well or spring water.

Is automatic, requiring

no attention while in operation.

No. 2 Holds 18 Quarts.	Takes care of 3 Milkers.
Shipping weight 30 lbs.	Price.....\$10.00
No. 3 Holds 34 Quarts.	Takes care of 5 Milkers.
Shipping weight 35 lbs.	Price.....\$12.00

Creamery Cans for Milk and Cream Storage



Buffalo Milk Can with Lead Faucet, Gauge, Bail Handle and Cover.

Price \$2.50

Buffalo Cream Storage Can with Bail Handle and Cover. Price \$1.50

Goss Special Cream Storage Can with Cooley Cover and Side Handles.

Price \$2.15

Dandelion

Brand

Butter

Color



Small, 3 fluid ounces,

\$.35; postpaid, .45

Large, 14 fluid ounces,

\$1.00; postpaid, \$1.10

Gallon can.....\$5.25

Price on fifty thousand lots on application.

Sealright Pouring Pull Caps

No. 2, 1 5-8 stock printed cartons of five thousand, \$3.00, postpaid, \$3.25.



All Prices Subject to Change Without Notice



Dairy Pails

12 Qt., lx	Each.....	.45
10 Qt., lxx	Each.....	.55
12 Qt., lxx	Each.....	.75
14 Qt., lxx	Each.....	.80
10 Qt., lc	Flaring Each	.25
12 Qt., lxxx	Ex. Heavy Ea.	.95



Milk and Cream Scales



These scales are made with a loose pointer which, by means of a thumbscrew on the center of the pointer, may be set anywhere on the dial, thus taking the tare of the milk pail, etc. They are made with pounds divided in ounces or decimally.

	Price
No. 260 M. O. 30 lbs. by 1 oz.....	\$6.75
No. 270 M. O. 60 lbs. by 2 oz.....	8.00
No. 260 M. D. 30 lbs. by 1-20 lb.....	6.75
No. 270 M. D. 60 lbs. by 1-10 lb.....	8.00

If sent by Parcel Post, add 15c each.

Maine Export Milk Cans

20 quarts Lock Cover	\$5.25
40 quarts Lock Cover	6.50
Rubbers for export cans, each, .20; dozen, \$2.00; state diameter of can top.	

Milk Delivery Cans

8 1/2 quarts	\$1.75	10 quarts	\$2.25
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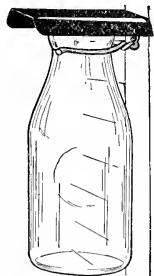
Wooden Can Stoppers

3 1/4 in. x 3 1/2 in. Each, .13; doz.,	\$1.30.
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Heavy Umbrella Cover Milk Cans

No. 205, 20 quarts	\$3.75
No. 210, 40 quarts	4.50

THE IDEAL



The Ideal Milk Bottle Holder holds a bottle of Milk or empty bottle in a sanitary condition away from cats and dogs and is easily attached to wall or door casing with one screw.

Price (Postpaid) 15



Common Sense Calf Feeder



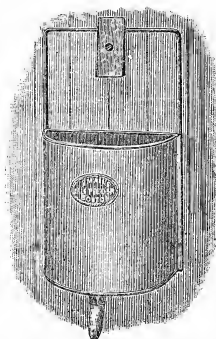
What It Is. The Common Sense Calf Feeder is a simple, practical device for weaning and feeding calves, so simple and so practical that every calf owner will see the value of it at a glance.

Price, Single, \$2.00; postpaid, \$2.15.
Double, \$3.00; postpaid, \$3.15; extra nipples, .27 each, postpaid.

Small's Calf Feeder

This feeder holds seven quarts and weighs about four pounds. Its chief merits are not only in its convenience, but in the sleek, healthy calves it produces, as they suck their food slowly in a natural way.

Price \$4.00, Postpaid, \$4.15. Extra Nipples, .42, Postpaid.



WYANDOTTE CLEANER



Is especially adapted for use in Creameries, Cheese Factories, Ice Cream Plants, Hotels, Restaurants and Private Houses.

It is a Soda and
Makes No Suds
Contains no Grease,
Potash or Lye.

Will destroy nothing, but cleans and cleanses everything washed with it and is perfectly sanitary. For household use it has no equal. Sold in 5 lb. sacks at 40c. Postpaid, 50c.

Barrels, 50 5 lb. sacks.....\$13.80
Barrel, 250 lbs. bulk..... 13.75
Kegs, 80 lbs. bulk..... 4.93

Wyandotte Alkali Special

Barrels, 300 lbs. bulk.....\$16.98
Kegs, 100 lbs. bulk..... 6.91

Wyandotte Detergent

Barrels, 250 lbs. bulk\$17.00
Kegs, 75 lbs. bulk..... 6.06



Kow-Kare The Great Medicine for Cows Only

It acts upon the digestive, generating and milk-secreting organs, keeping the entire system toned up and in perfect working order. It goes to the roots of the trouble, and cures cow diseases by removing the cause. Price: Small, .65; Postpaid, .75. Large, \$1.25; Postpaid, \$1.40.

Grange Garget Remedy

Grange Garget Remedy is favorably known to every dairyman. It is the most effective and satisfactory remedy for garget or hardening of the udder without in any way injuring the cow or lessening the flow of milk, and tones and invigorates the infected parts.

Price: .65; Postpaid, .75.



Bag Balm

For all diseases of udder and teats, such as caked bag, sore teats, bunches, chapping, cuts, or inflamed parts, you can use this remedy with perfect safety; positive results in every case.

Price: .60; Postpaid, .70.



Dr. Hess Stock Tonic

Formula printed on every package. Every ingredient indorsed by the U. S. Dispensatory and other high medical authorities. It aids digestion, makes stock healthy, and expels worms. Helps stock convert more ration into milk, flesh, blood and muscle. Every pound backed by the Dr. Hess & Clark unqualified guarantee. Prices: 5 lb. Pkg., .75,



Postpaid, .90

10 lb. Pkg., \$1.25,
Postpaid, \$1.50
15 lb. Pkg., \$2.00,
Postpaid, \$2.30
25 lb. Pkg. \$3.00
100 lb. Drum10.00



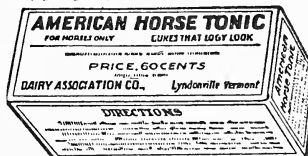
Dr. Hess Healing Powder

The modern gall cure. Cures galls, cuts, wounds, ulcers, grease heel. Antiseptic and soothing. Heals everything it touches by forming a coating, cleaning and closing up wounds. Comes in sifting-top cans.

Price: 4 oz., .25; postpaid, .35

Horse Comfort

Nothing quite takes the place of Horse Comfort for a number of things to which all kinds of horses are susceptible. It is a real comfort and cannot be beaten in cases of blood poison, flesh wounds, wire cuts, galls and sores of long standing, proud flesh, scratches, mud fever, snag wounds, sore shoulders, grease heel, malignant ulcers, fistula, poll evil, corns in horses. Price per bottle: Small, .30, postpaid, .40; large, .60, postpaid, .70.



A reliable horse tonic is a great improver and conservor of the health of your horses. American Horse Tonic

is wonderful for building up horses' health. It is recommended as an effective worm expeller; restores lost appetite; best for use in cases of rough hair, coughs, inflammation of lungs or bowels. Price: .65, postpaid, .75



HASKELL IMPLEMENT AND SEED CO. LEWISTON MAINE



Arabian Scratches and Gall Cure

It is a scientific remedy for scratches and grease heel. It works as horsemen like to have it. Price: Small, .25, postpaid, .35; large, .50, postpaid, .60.



Calves' Cordial

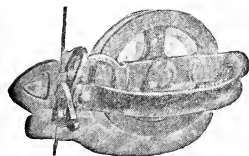
Is free if it fails to cure scours in cows and calves.

Price: .50; postpaid, .60.

Cows' Relief

It is used as a local application on cows' bags and teats. It will cure caked bags in 12 to 24 hours, if taken at the start.

Price: Small, .50; large, \$1.00. Postage extra, each size, .09.



Porter "Slam and Slide" Barn Door Latch

Here is a device that meets with the enthusiastic approval of every farmer. The Porter "Slam and Slide" Barn Door Latch fills a long-felt want.

It is absolutely without equal for simplicity, strength, durability and cleverness of operation.

It works equally well right or left, on either slam or sliding doors.

Can be locked with padlock. The screws are protected. Adapted for any size door. Material is the very best malleable iron. Nicely finished. Price: .65; postpaid, .75.



TENSO HALTER CHAIN



TIE-OUTS



Corner Feed Manger

No. 3, Plain Edge, 17x17.....\$3.15

No. 6, Rolled Edge, 17x17..... 3.50

Cow Chains



Eureka, 30 foot. Each.....\$80

Cow Chains

2½ Foot.	Open Ring.....	.35
3 Foot.	Open Ring.....	.40
3½ Foot.	Open Ring.....	.45
4 Foot.	Open Ring.....	.55
4½ Foot.	Open Ring.....	.65
4½ Foot.	Bull.....	.85

Stake Chains

6½ foot with Ring and Hook. Pair.....\$1.60

Sisal Rope Halters

No. 22K 6½ feet End Snap.

Price: .25; Postpaid, .35

No. 22F 8½ feet One Snap, Illustrated.

Price: .35; Postpaid, .45

No. 22A 10 feet Two Snap.

Price: .45; Postpaid, .55

Bull Rings

		Postpaid
2½ in.	Copper.....	.35 .40
3 in.	Copper.....	.40 .45
3½ in.	Bronze.....	1.80 1.85



Ox Balls

Postp'd.

No. 12. Each.....10 .13

No. 14. Each.....13 .16

No. 30. Each.....25 .30

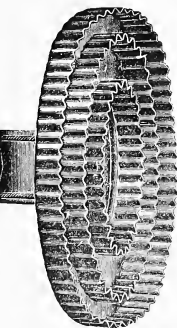
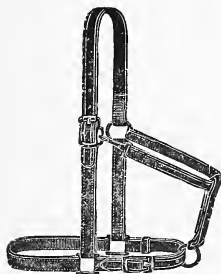
No. 8. Extra Large, Each.. 1.15 1.25



All Prices Subject to Change Without Notice

**Reform
Curry
Comb**

Price, .20
Postpaid .25



Leather Halters

Black, Horse.....\$1.75
Black, Cattle.....1.30

Horse Collar Pads

Tapatco Brand Red Edge.
Old Gold Drill. Composite
Stuffing. Four Hooks. Four
Rows Quilting. Prices:

19 in., .55 each, .65 postpaid
20 in., .55 each, .65 postpaid
21 in., .55 each, .65 postpaid
22 in., .60 each, .70 postpaid
23 in., .60 each, .70 postpaid
24 in., .65 each, .75 postpaid
25 in., .65 each, .75 postpaid
26 in., .70 each, .80 postpaid



Bull Snaps

No. 500.....\$1.00; Postpaid, \$1.10

Animal Nose Feed Bags

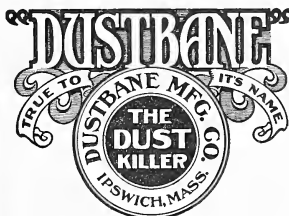
No. 24. Heavy duck, wood
bottom and head ropes..... \$.80

No. 24½. Same as No. 24
with pulley attachment.....1.10

No. 36½. 12 oz. duck, wood
bottom, leather vent and pulley
attachment..... 1.20

No. 18½. 15 oz. duck, wood
leather bottom, sewed, leather
vent and head ropes.....1.40

No. 39½. No. 6 duck, 9"
leather bottom, leather vent
and head ropes.....1.75



Dustbane

The very best
of all sweeping
compounds on the
market. No sand
to increase its
weight. It is a
perfect Dust Kill-
er. Every Store-
keeper as well as
every housewife
should have a sup-
ply on hand and use it at every sweeping. A handful at
a time when you sweep absorbs the dust, brightens the
floor and cleans your carpet.

Prices: Large can, .40; 50-lb. can, \$2.75; 100-lb.
can, \$4.65; 150 lb. can, \$6.50.

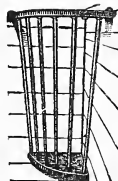
Dandy Horse Brushes



No. 101, Union Fibre.....\$30
No. 417, Union Fibre..... .45
No. A, Palmyra..... .30
No. 415, Palmyra55
Imperial Rice Root..... .80
New Century Union Fibre..... .55
No. 148 Union Fibre, flat with hand strap..... .50

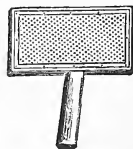
Postage, 10 cents extra

Corner Hay Rack



No. 3. Cast Top and Bottom and Steel
Rods. Price.....\$4.50
No. 12. All Cast Iron. Price..... 4.00

Cattle Cards



No. 04. Leather Board......25
No. 4. All Leather......35
No. 2. Leather, large size......40
Postage, .05 each.

Cow Bells

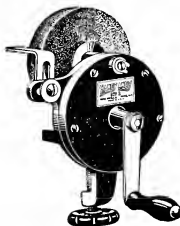
No. 1. 6½ in......75; postpaid, .85
No. 2. 5½ in......60; postpaid, .70
No. 3. 4½ in......45; postpaid, .55
No. 4. 4 in......40; postpaid, .50
No. 5. 3½ in......35; postpaid, .45
No. 6. 3 in......35; postpaid, .45



TOOL GRINDERS

The Handy Andy is a Jim Dandy. It is the last word in low-priced grinder construction. Nothing cheap about it but the price. It is smooth running, extremely powerful for its size, and strongly built. Has 4x1 in. Corundum wheel.

Price, \$2.25; postpaid, \$2.40

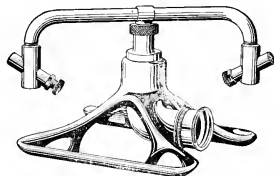
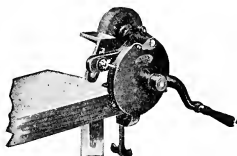


Handy Andy

No. 7 Cheney

Mower Knife and Tool Grinder.

Price, \$9.00

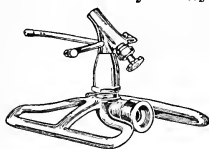


WHIRLING SHOWERS

Brown's Whirling Shower is easily one of the best lawn sprinklers manufactured. Due to the variable nozzle, a variety of sprays are obtainable, from a fine mist to a drenching rain. The malleable iron base is practically unbreakable; the working parts are all of brass, providing against rust or corrosion. This Sprinkler is equipped with the new ball-bearing feature and will require very little attention.

Price, Whirling Showers, \$2.50; postpaid, \$2.65.

The Dayton Type "B" Sprinkler



Nozzle easily adjusted from wide-sweeping spray to heavy stream. Will sprinkle circle 3 to 56 feet in diameter. Price, \$3.75; Postpaid, \$3.90.

The Fountain Lawn Sprinkler

The sprinkler with the "mist-like" spray.

Price, .75; Postpaid, .85



Garden Hose



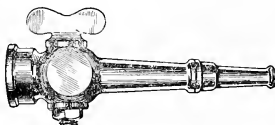
Hisco first quality garden hose, moulded with corrugated finish. Guaranteed. 5/8 in. 25 and 50 ft. lengths. Price per foot .15

Diamond Spray Nozzle.



This is unquestionably the best combination spray nozzle on the market today. It is made of but three parts, all of which are made to gauges on automatic machines, thus insuring perfect uniformity and adjustment.

Price, \$0.50; Postpaid, \$0.60



Daisy Nozzle

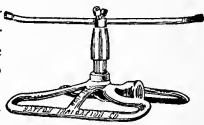
This is our original Daisy Nozzle. It is made with screw tip and shut-off cock; it is of good brass and finely finished. This Nozzle gives a smooth, free water way for the solid stream, and throws a large amount of water when spraying.

Price, \$1.00; Postpaid, \$1.10

Dayton Sprinkler Type "C"

Guaranteed to cover larger area than any other sprinkler made with arms, because of main stream flow from two center nozzles.

This flow can be regulated to throw 4 to 6 gallons of water per minute by simply taking off nozzle caps.



Price \$2.50; Postpaid, \$2.65

All Prices Subject to Change Without Notice

Pike Manufacturing Co.

Scythe and Axe Stones



Scythe Stones

Black Diamond	\$.20;	Postpaid, \$.30
Willoughby Lake .....	.15;	" .25
Indian Pond .....	.10;	" .20
Green Mountain .....	.10;	" .20
Scythe Rifle .....	.10;	" .15
Red Head File .....	.75;	" .85
Hindustan Axe Stone .....	.05;	" .10

Carborundum Stones



Aloxite Scythe Stones must not be classed with the ordinary scythe stones. Aloxite cuts fast and clean.

No. 190. 10 inches long.	Price: \$.25; Postpaid, \$.35
No. 192. 10 " " "	.30; " .40

Carborundum File No. 57



A solid, four-sided, tapered shaft of Carborundum that cuts quick and free. For sharpening mower sections, lawn mower knives, for practically any edge, farm or garden tool.

No. 57 File 13 inches long. Price: \$.85; Postpaid, \$1.00



Carborundum Pocket Hone is made of the finest Carborundum powder. They are for sharpening pocket knives, ink scratchers, scissors and small tools.

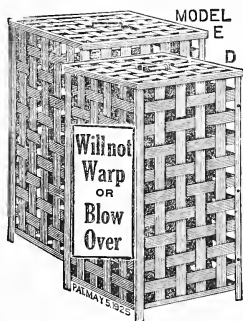
No. 149. 3x $\frac{3}{4}$ x $\frac{3}{4}$ inches. Price: \$.20; Postpaid, \$.25



Carborundum Axe Stone will produce a sharp, keen edge on the dulllest of axes in a very few minutes. A handy stone for the lumberman, hunter and camper.

No. 196. Round Axe Stone. 3 inches in diameter.
Price: \$.50; Postpaid, \$.63

SKYSCRAPER Rubbish Burner



Known as the Best

Model E	27x16x16.	Wgt., 35 lbs.	Price, \$4.00
Model 3E	30x20x20.	Wgt., 54 lbs.	Price, 8.00

BASKETS

Ash Strapped Market Baskets Hole Handle



Market Basket, Hole Handle

	Length	Width	Depth	Price
No. 1	18 in.	10 $\frac{1}{2}$ in.	6 in.	\$0.65
No. 2	21 in.	12 in.	6 $\frac{1}{2}$ in.	.75
No. 3	23 in.	13 in.	7 in.	.85

Ash Strapped Market Baskets, Bail Handle

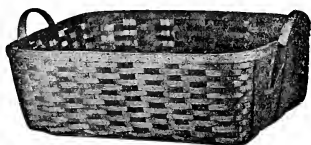
	Length	Width	Depth	Price
No. 1	18 in.	10 $\frac{1}{2}$ in.	6 in.	\$0.75
No. 2	21 in.	12 in.	6 $\frac{1}{2}$ in.	.85
No. 3	23 in.	13 in.	7 in.	.95



Grocers' Counter Basket

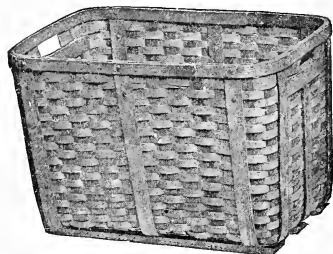
	Length	Width	Depth	Price
No. 1	17 in.	10 $\frac{1}{2}$ in.	3 $\frac{1}{2}$ in.	\$0.40
No. 2	20 in.	12 in.	3 $\frac{1}{2}$ in.	.50
No. 3	22 $\frac{1}{2}$ in.	14 in.	3 $\frac{1}{2}$ in.	.60

BASKETS



Ash Oblong Clothes Baskets
Loop or Hole Handles

	Length	Width	Depth	Price
No. 2	26 in.	16 in.	9 in.	\$1.40
No. 3	28 in.	18 in.	10 in.	1.55
No. 4	30 in.	20 in.	10 in.	1.75
No. 5	32 in.	22 in.	10 in.	2.15



Ash Oblong Laundry Baskets

	Length	Width	Depth	Price
4 Bu.	30 in.	20 in.	17 in.	\$4.50
6 Bu.	32 in.	22 in.	20 in.	6.00

Oval Willow Clothes Baskets

Medium Size	\$1.65	Large Size	\$1.90
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Oxford Clothes Baskets—Oblong, Loop Handles

No. 1.	Small.....	each	\$1.60
No. 2.	Medium.....	each	1.80
No. 3.	Large.....	each	2.00



**Ash Barrel
Display Basket**

Price, \$0.60

Ash Covered Hampers

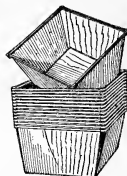
No. 2.	17½ in. square, 26 in. deep.	Price.....	\$4.00
No. 3.	21 in. square, 29 in. deep.	Price.....	5.00



Wood Rim Quarts



Berry Baskets
All Styles and Sizes
Write for prices



Metal Rim Quarts

Oxford Baskets

¼ Bushel	each	\$0.60
½ Bushel	each	.65
¾ Bushel	each	.80
1 Bushel	each	.90
1¼ Bushels	each	1.15
1½ Bushels	each	1.20
2 Bushels	each	1.50
3 Bushels	each	2.00
4 Bushels	each	2.75



Oxford Basket



Ash Lunch Baskets with Cover and Double Bail

	Length	Width	Depth	Price
No. 2	10 in.	6½ in.	6½ in.	\$0.75
No. 3	11½ in.	7 in.	6½ in.	.85
No. 4	14 in.	8½ in.	6½ in.	1.00
No. 5	15½ in.	9 in.	7½ in.	1.15
No. 6	17 in.	10 in.	8 in.	1.30
No. 7	19 in.	11½ in.	8½ in.	1.50
No. 8	22½ in.	13½ in.	9½ in.	1.75

Oxford Grocers' Basket

½ Bushel, block handle.....	each	.75
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All Prices Subject to Change Without Notice.



HASKELL IMPLEMENT AND SEED CO. LEWISTON MAINE



Galvanized Basket. One Bushel

Price.....\$1.00



Galvanized Chamber Pail

Price \$0.80

Dinner Pails

No. 030 Heavy Tin, Tin Handle.

3 Qt.\$0.70

No. 375 Oblong Heavy Tin, Wire

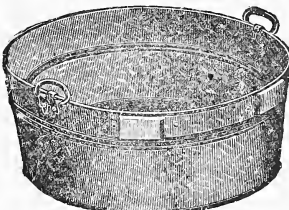
Handle. 5 qt.\$1.00



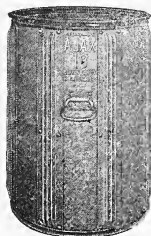
Sexton Galvanized Garbage Cans, Lock Covers

No. 12	4 gallon	\$1.00
No. 24	6 gallon	1.20
No. 36	8 gallon	1.25
No. 48	10 gallon	1.70
No. 671	18x23	1.50

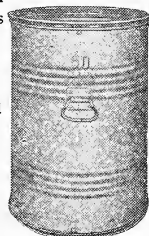
No. 11	20½x17¾	
	x10½	\$0.85
No. 22	22¾x19½	
	x11	.95
No. 23	24½x21¼	
	x11	1.05
No. A	14½x11x8	.50
No. B	15½x12¾	
	x8½	.55
No. O	18½x15x9	.65



Galvanized Wash Tubs



No. 18



No. 50

Galvanized Ash Cans with strong Hoops

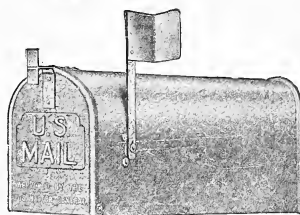
No. 18 18x26, Heavy. Drop Handles. Reinforced with

Galvanized RibsPrice \$3.80

No. 50, 18x26, Heavy. Drop Handles.Price 2.30

New Type Rural Mail Boxes

Conform to Post Office Requirements



Heavy gauge galvanized steel, aluminum bronze finish. Red signal flag. Opening door, hinged on bottom. Equipped with coin box inside. Length 23 inches. Shipping weight 29 lbs.

Price \$4.00

Postpaid \$4.40



No. 0 Nesco Ash Sifter

An all metal sifter.

Price

With cover\$1.30

Without cover70

Champion Coal Sieves

Wood Rim with wood cover.....

Price.....\$1.15

Wood Rim without wood cover

Price..... .70

Revolving Dustless Ash Sifters

Revolving Ash Sifter

Price.....\$3.25

No. 50 18x26 Ash Can.

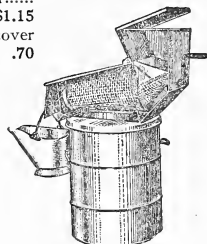
Price.....\$2.30

No. 516 Galvanized Coal

Hod. Price......50

Combination complete as

shown.....\$6.00



Iron Horse Galvanized Watering Pots

6 Qt. Price \$1.15

8 Qt. Price 1.25

10 Qt. Price 1.40

12 Qt. Price 1.70

16 Qt. Price 2.30



Galvanized Coal Hods

No. 516 Small Price \$0.50

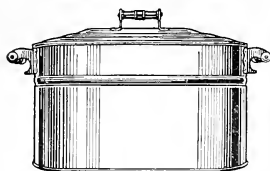
No. 517 Medium Price .55

No. 518 Large Price .60





HASKELL IMPLEMENT AND SEED CO. LEWISTON MAINE



Wash Boilers

Prices on Application

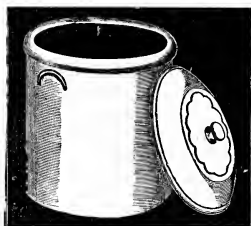
Galvanized Oil Cans

- 1 Gal. Blue Band with Handle and Bail\$0.40
- 2 Gal. Blue Band with Handle and Bail55
- 5 Gal. Red Band with Brass Screw Plug Faucet 1.20
- 5 Gal. Monarch with Galvanized Screw Plug Faucet..... 1.10
- 5 Gal. Peerless with Brass Lever Faucet 1.60
- 5 Gal. Climax Pump Can..... 1.70
- 5 Gal. Legal Red Gasoline with Large Spout95
- 5 Gal. Jacket Tin Can..... 1.10
- 10 Gal. Jacket Tin Can..... 2.00
- 1 Gal. Square Tin Can with Screw Cap25



Rome Nickel Plated Copper Tea Kettles

- No. 12 12 oz. straight spout. Price \$1.70
- No. 38 14 oz. straight spout. Price 2.20
- No. 638 14 oz. curved spout. Price 2.55
- Copper Queen 14 oz. curved spout. Price 2.00



Stoneware Jars Complete With Covers No Handles

- 1 Gallon.....\$0.40
- 1 1/2 Gallon.... .50
- 2 Gallon.... .60
- 3 Gallon.... .85
- 4 Gallon.... 1.05

Stone Jars Without Covers

- 12 Gallon \$2.60
- 20 " 4.50
- 25 " 5.95
- 30 " 7.15
- 35 " 13.15
- 40 " 15.00

Stone Jars With Covers and Handles

- 4 Gallon \$1.15
- 5 " 1.45
- 6 " 1.65

Stone Jars With Handles No Covers

- 8 Gallon \$1.80
- 10 " 2.25
- 12 " 2.70



- 15 " 3.60
- 20 " 4.75

Stone Jugs

- 1/2 Gallon.....\$0.25
- 1 Gallon..... .30
- 2 Gallon..... .50
- 3 Gallon..... .70
- 4 Gallon..... .90
- 5 Gallon..... 1.15



Bean Pots

- 1 Quart \$0.35
- 2 Quart40
- 3 Quart45
- 4 Quart50
- 6 Quart65
- 8 Quart85

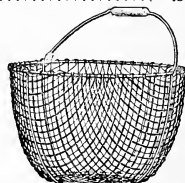


Potato Basket

Made of fine mesh wire netting with strong wire rim around the top and heavy wire drop bail. Just the thing to submerge potatoes in before planting.

No. 951 1/2 bushel size

Price \$1.00



All Prices Subject to Change Without Notice



HASKELL IMPLEMENT AND SEED CO. LEWISTON MAINE



HIGH GRADE AXES IN MAINE AND HALF WEDGE PATTERNS

Hisco Guaranteed Axes	
Single Bit	Price, \$2.00
Double Bit	Price, 2.50
Mountaineer Guaranteed Axes	
Single Bit	Price, \$1.50
Double Bit	Price, \$2.00
Men's Handled Axes	
Single Bit	Price, \$2.00
Boys' Handled Axes	
2 1/4 lb. 28 in. handle.....	Price, \$1.40



Flint Edge
Hunters'
Handle Axe
\$1.50

Picks, Mattocks, Etc.



Wood Choppers'
Mauls
6 to 9 lbs.

Striking Hammers
6-8 lbs.



Wood Choppers'
Wedges
3 1/2 to 6 lbs.



Short Cutter Mattock
Price, \$1.00



Pick Mattock
Price, \$1.15



Long Cutter Mattock
Price, \$1.10



Grub Hoe
Price, \$1.10

Crowbars

12 lbs.,	\$1.25	14 lbs.,	\$1.40
16 lbs.,	1.65	18 lbs.,	1.90
20 lbs.,	\$2.15		

Victor Game Traps

A reliable trap is as important to the trapper as a good gun is to the hunter. For the loss of one pet often equals the cost of a whole season's traps.

In the minds of the trappers who have used various brands of traps, the Victor is conceded as holding first honors, for durability and general efficiency, all things being taken into consideration.



VICTOR

No. 0
No. 1
No. 1 1/2

ONEIDA JUMP

No. 91. The ideal
trap for skunk.



VICTOR

No. 2. The fox
and raccoon trap.



Write for special folder and prices.

Lightning Fruit 98 Turntable
Jar Opener Apple Parer
Price, \$0.10 Price, \$1.30

White Mountain Apple Parer
Corer and Slicer
Price, \$1.00
Egg Beaters

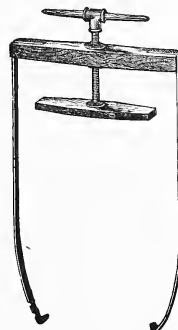
No. 5 Holt's.....	\$0.25
No. B Holt's Hotel Size.....	.30
Lyons.....	.40



Barrel Headers

A simple contrivance, but
indispensable for putting heads
in barrels after being filled with
apples and other produce.

Price, 1 inch screw, \$4.15



Imperial Harness Snaps

Full line of Square, Round,
Swivel and Open Eye Styles
in both tin plate and imita-
tion rubber.

**Telephone
Pruner
Head**

Made to attach to any pole. Are heavier than the regular tree pruners.

Price, each.....	\$1.30
Postpaid.....	1.45
Extra Knives.....	.15
Extra Springs.....	.15



Rockdale Pruners

No. 45 26 in.	Price, \$1.35; postpaid, \$1.50
No. 48 34 in.	Price, \$1.75; postpaid, \$1.90



Pruner Shears (California Pattern)

No. 65 Japanned	Price, \$0.85, postpaid
No. 40 Nickeled	Price, \$1.70, postpaid
Extra Bolts and Nuts,	.30



**Clyde Draw Cut
Pruner**

The most powerful pruner made.
24 in.

\$3.00

**Iwan Post Hole
Auger**

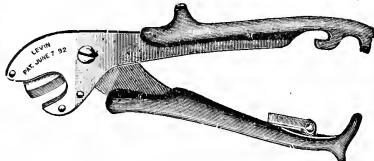
8 inch.....\$2.25



**Standard
Tree Pruners**

Very useful for trimming trees, and cutting down moths' nests.

	Price
8 ft.	\$1.75
10 ft.	1.85
12 ft.	2.00
14 ft.	2.20
16 ft.	2.20
Knives .....	.20
Springs .....	.10



Levin Pruning Shears

	Price	Postpaid
No. 23	\$0.65	\$0.75
No. 24 .....	.75	.85

**Secor's Weeding
Hook**

Price, .20
Postpaid, .25



Hazeltine Hand Weeder

By far the best and most practical Weeder for all kinds of vegetables and flowers ever invented.

Price, .60; postpaid, .70

Foot Warmers

More commonly known as soap stones

Price, 6x8.....	\$0.85
Price, 7x9.....	.95
Price, 8x10.....	1.15



**Hudson
No. 15
Barn
Scraper**

Price, \$1.75



**Highley's
King of Pruners. Both Self-
Holding and Non-Holding**

Never any danger of receiving shock by crossing electric wires, as they are operated by a cord running the entire length of pole.

12 ft. Self-Holding.....	\$1.60
14 ft. Self-Holding.....	2.00
16 ft. Self-Holding.....	2.00
12 ft. Non-Holding.....	1.15
14 ft. Non-Holding.....	1.25
16 ft. Non-Holding.....	1.40

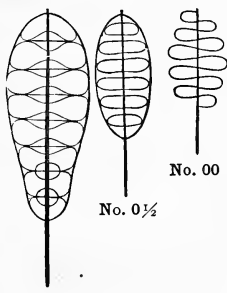


Fan



Veranda

Trellises



No. 00

No. 0 1/2

Fan Trellis

	Price
1 1/2 ft. Fan, 7 in. wide.....	\$0.30
2 ft. Fan, 10 in. wide.....	.45
2 1/2 ft. Fan, 13 in. wide.....	.60
3 ft. Fan, 16 in. wide.....	.95
4 ft. Fan, 27 in. wide.....	1.50
6 ft. Fan, 38 in. wide.....	2.10

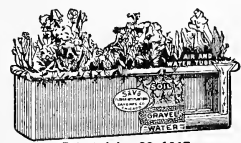
Trellises

No. 00, 18 in. 3 1/2 wide	\$0.25
No. 00, 20 in. 8 wide .....	.30
No. 0 1/2, 24 in. 7 1/2 wide.....	.60
No. 1, Bow 30 in. 10 in. wide.....	.85
No. 3, Bow 36 in. 12 in. wide.....	1.25

Veranda Trellis

6 ft. Veranda, 18 in. wide.....	\$2.00
8 ft. Veranda, 18 in. wide.....	2.70
10 ft. Veranda, 20 in. wide.....	3.35

SAVO STEEL-ALL-YEAR-ROUND FLOWER BOX



Patented Jan. 23, 1917

The Savo Self-Watering Steel Flower and Plant Box, is scientifically constructed under the Sub-Irrigation plan,

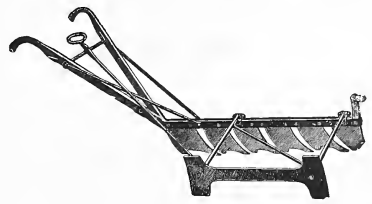
which is the most perfect plan ever devised for the growth of any kind of plant life. Enameled dark green. Prices: A, 23 in. long, \$3.00; B, 29 in. long, \$4.00; C, 35 in. long, \$5.00.

Success Plant Box

The Success plant box is made of strong, galvanized iron, neatly enameled in dark green. It is so constructed that the watering is easy; the drainage ample; the air circulation perfect.

Prices: 24 in., \$1.25; 30 in., \$1.75; 36 in., \$2.50

Dairymen's Ice King Plows



No. 320—8 in., 5 Cutting and 1 Clearing Tooth with 14 to 22 in. Patent Adjustable Swing Guide.
Price \$66.00

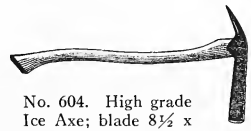
No. 321—10 in. 5 Cutting and 1 Clearing Tooth with 14 to 22 in. Patent Adjustable Swing Guide.
Price \$72.00

No. 540 Boston Ice Tongs



13 in. Price.....	\$2.10
14 1/2 in. Price.....	2.15
16 1/2 in. Price.....	2.20
20 in. Price.....	2.50
24 in. Price.....	2.55
26 in. Price.....	2.60

Boston Ice Axe



No. 604. High grade Ice Axe; blade 8 1/2 x 1 1/2 inches; handle 28 in.; weight 4 lbs.
Price, \$4.80

Ice Hooks

No. 520. Wood's 3 ft. to 16 ft.....	\$1.85 to \$6.20
No. 1300. Columbus, 3 ft. to 18 ft.....	1.35 to 4.60

Ice Axes

No. 604 Boston Ice Axes.....	Price \$4.80
------------------------------	--------------

Ice Hook Handles

3 ft. to 16 ft.....	.40 to \$4.00
No. 652. D Handle 4 Point Shaver.....	Price 3.38
No. 667. D Handle 3 Tine Breaker.....	Price 10.90

Gifford-Wood Co. Ice Tools



- | | | | |
|----------|--------------------------|-------|--------|
| No. 426. | 4½ ft. Saw as above..... | Price | \$6.90 |
| No. 427. | 5 ft. Saw as above..... | Price | 7.50 |



- | | | | | |
|----------|------------------------------|--------------------------------------|-------|-------|
| No. 443. | Splitting Fork, Ring Handle. | Weight 18 lbs..... | Price | 10.20 |
| No. 457. | Calking Bar, Hollow Handle. | (Not illustrated.) Weight 8 lbs..... | Price | 5.70 |



- | | | | |
|----------|---|-------|-------|
| No. 458. | Bar or Packing Chisel. Steel Handle. Weight 15½ lbs..... | Price | 8.70 |
| No. 460. | Summer Bar. Curved Blade. Polished Handle. Similar to 458. Weight 17 lbs..... | Price | 12.00 |



- | | | | |
|----------|--|-------|-------|
| No. 465. | Starting Chisel. Weight 14½ lbs..... | Price | 7.80 |
| No. 468. | Socket Bar Chisel. (Not illustrated.) Weight 10 lbs..... | Price | 10.80 |
| | Similar to 458, but with wooden handle. | | |



- | | | | |
|----------|---|-------|------|
| No. 476. | Splitting Chisel, Ring Handle. Weight 14 lbs..... | Price | 6.00 |
|----------|---|-------|------|



- | | | | |
|----------|--|-------|-------|
| No. 486. | Needle Bar, Ring Handle. 3 Tine, Weight 16½ lbs..... | Price | 12.00 |
|----------|--|-------|-------|



- | | | | |
|---------|--------------------------------|-------|------|
| No 500. | Line Marker. Weight 2 lbs..... | Price | 2.70 |
|---------|--------------------------------|-------|------|

SIMONDS MFG. CO. Guaranteed Saws



- No. 315. Crescent Ground Cross Cut. Narrow Felling Saw. Champion Tooth.

- No. 12. Wide Cross Cut Saw, otherwise same as No. 315.



- No. 325. Crescent Ground Cross Cut. Narrow Felling Saw. Lance Tooth.

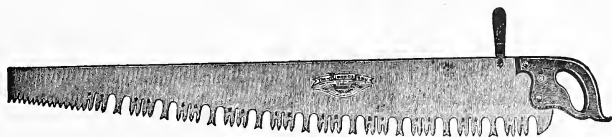
- No. 22. Wide Cross Cut Saw, otherwise same as No. 325.

All Prices Subject to Market Changes

One Man Cross-Cut Saws

SIMONDS

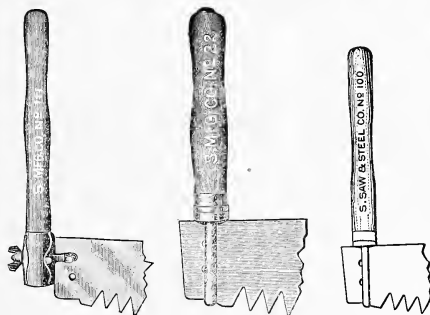
Wood Saw Frames
Wood Saw Rods
Wood Saws Complete
Pruning Saws
Hack Saws



No. 222. Lance Tooth. $3\frac{1}{2}$ —4—4 $\frac{1}{2}$ feet.



No. 231. Tuttle Tooth. $3\frac{1}{2}$ —4—4 $\frac{1}{2}$ feet.



Cross-Cut Saw Handles

No. 100.	Plain	Pair \$	.40
No. 22.	Bolt through	"	.75
No. 111.	Reversible	"	.45

SIMONDS

Warranted
Circular
Saws

24 in., 26 in.,
28 in., 30 in.
Bored for $1\frac{1}{2}$
in. arbor.
Wood Saw
Blades 32 in.
Long, Narrow
and Wide,
Fine and
Coarse teeth.



All Prices Subject to Change without Notice

SIMONDS

Wood Saw Webs



No. 409 Raker Tooth. Thin Back, Straw Color, 1 inch wide. Lengths: 32, 36, 38, 42 and 48 inches. Filed and Set or Not Filed and Not Set.

No. 411 Raker Tooth. Straight Front, otherwise same as No. 409. Lengths: 32, 36 and 42 inches. Not Filed and Not Set only.



No. 410 Skip Tooth. Thin Back, Straw Color, 1 inch wide. Lengths: 32, 36, 38, 42 and 48 inches. Filed and Set or Not Filed and Not Set.

Prices on Application.

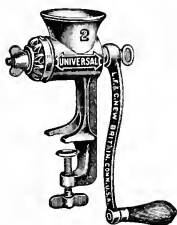
While we recommend the use of Simonds Warranted Circular Saws in every instance, we can furnish a lower priced Circular Saw, which with proper use will give good satisfaction.

HENRY AND ALLEN

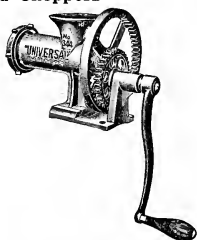
Circular Saw

20 Inches Diameter	\$3.50
24 Inches Diameter	4.75
26 Inches Diameter	5.35
28 Inches Diameter	6.25
30 Inches Diameter	7.15
32 Inches Diameter	9.00

Universal Food Choppers



No. 2



No. 344

- No. 0 Small family size. 3 cutters.
Price, \$1.75; postpaid, \$1.90
- No. 1 Regular family size. 3 cutters, 1 grinder. Price, \$2.25; postpaid, \$2.40
- No. 2 Large family size. 3 cutters, 1 grinder.
Price, \$2.75; postpaid, \$2.90
- No. 3 Hotel and market. 4 cutters.
Price, \$3.50; postpaid, \$3.70

Meat Choppers



- No. 331. Chops three pounds of meat per minute.
Price: \$5.00; postpaid, \$5.20
- No. 344. Geared handle. Chops four pounds of meat per minute. Price: \$14.00

Universal Bread Maker

- No. 4 Regular family size. Capacity 2 to 6 loaves.
Price, \$3.00; postpaid, \$3.20
- No. 8 Large family size. Capacity 4 to 10 loaves.
Price, \$4.00; postpaid, \$4.25

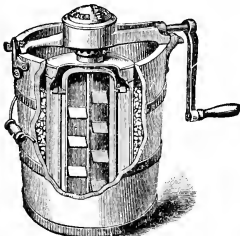


White Mountain Ice Chipper

Price, \$0.65; Postpaid, \$0.75.

White Mountain Freezers

The most popular freezer used in this section. Positive triple action.



- | | |
|----------------|--------|
| 1 quart..... | \$3.00 |
| 2 quarts..... | 3.50 |
| 3 quarts..... | 4.25 |
| 4 quarts..... | 5.00 |
| 6 quarts..... | 6.35 |
| 8 quarts..... | 8.25 |
| 10 quarts..... | 11.00 |
| 12 quarts..... | 13.00 |
| 15 quarts..... | 15.50 |
| 20 quarts..... | 20.00 |
| 25 quarts..... | 25.75 |

Wood Measures

- | | | |
|-------------------------|------------------|-------------|
| 1 qt., .35 | 2 qts., .45 | 4 qts., .65 |
| 8 qts., .85 | ½ bushel, \$1.75 | |
| Nest of five sizes..... | | \$3.85 |



Norcross Cultivator Hoe

- | | |
|----------------------------|--------------|
| 5 Prong. 4-ft. Handle..... | Price \$1.10 |
| 3 Prong. 4-ft. Handle..... | Price .75 |

"Norcross" Midget Weeder

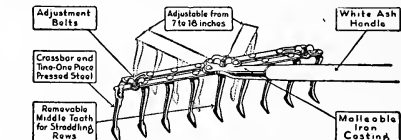


For Flowers, Shrubbery and Garden.

Quality and Finish same as Cultivator-Hoes

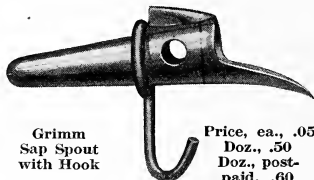
- | | |
|----------------------------------|---------------|
| Weight 12 oz., 9 in. Handle..... | Price, \$0.50 |
| | Postpaid, .60 |
| Asparagus Knife | |

Drop Forged Blade, excellent not only as an asparagus knife, but the "best ever" for digging Dandelions and other weeds. Price, \$0.40; Postpaid, .45



Pull-Easy Adjustable Garden Cultivator

- | | |
|----------------------|--------|
| 4½-Foot Handle | \$1.25 |
|----------------------|--------|



Grimm
Spout
with Hook

Price, ea., .05
Doz., .50
Doz., post-
paid, .60

Palmer Openers for Glass Top Fruit Jars



**PALMER
FRUIT JAR OPENER**

Don't Break Your Jars
Prevent Wounded Hands
Don't Break Your Knife
Don't Damage Your Rubber
Price, .15 postpaid

Myers Merchandise Conveyor

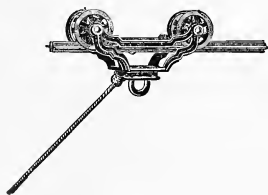


Fig. 923

Fig. 923 No. 2
Trolley only with
4 wheels. Capacity
when properly sup-
ported, 2000 lbs.

Price \$6.50.

Track complete,
with hangers every
15 inches. Price
per foot. \$.30

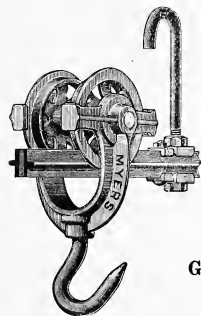


Fig. 1161

Fig. 1161 No. 1 Trolley
only with 2 wheels, and
open hook. Capacity, when
properly supported, 2000
lbs. Price, \$4.00.

Track complete, with
hangers every 15 inches.
Price per foot. \$.30

Goodwin Grass Shears



Lawn trimming, once a dreaded chore, has been robbed of all its unpleasantness. For GOODWIN Grass Shears are so comfortable, so easy to operate that the job is over in a jiffy—and it leaves no fatigue.

The natural up-and-down movement of the GOODWIN eliminates wrist-tire and finger-ache; their advanced design keeps blades flat on the ground with handles up and out of the grass. A tension adjustment is provided to adapt them to all cutting requirement and prevent binding or spreading of the blades. Bright orange handles make them easy to find in the grass.

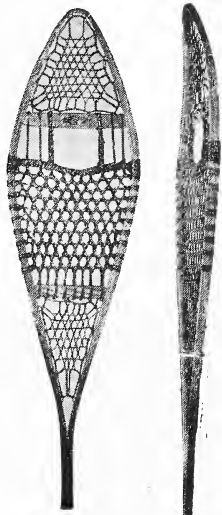
Shaped to get into out-of-the-way corners without discomfort or inconvenience, GOODWIN Grass Shears really do a better job of trimming your lawn.

No. 10 Goodwin Shears, Ball Bearing. Price, \$1.75; Postpaid, \$1.85.

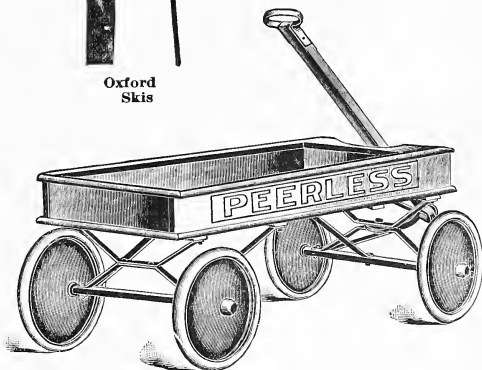
No. 20 Goodwin Junior Shears. Price, \$1.25; Postpaid, \$1.35.



Oxford
Skis



Oxford Snow Shoes
Style No. 50



Peerless Coaster Wagon

We also carry several styles and sizes of Paris Coaster Wagons.

All Prices Subject to Change Without Notice

Century Scales



No. 23S

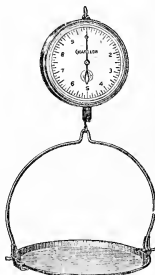
The Century model comprises a complete change in scale building.

These scales are in perfect balance under all loads, which reduces friction and wear to a minimum heretofore unobtainable.

Precision springs—a most important item, have been increased in size; they are of a durability that will outlast the life of a scale.

No. 23S galvanized scoop, 7 in. single dial without glass. Capacity 20 lbs. by 1 oz. Price, \$3.50, postpaid, \$3.75.

No. 24S enameled, 11 in. pan, 7 in. single dial without glass. Capacity, 20 lbs. by 1 oz. Price, \$3.65, postpaid, \$3.90.



No. 24S

International Salt

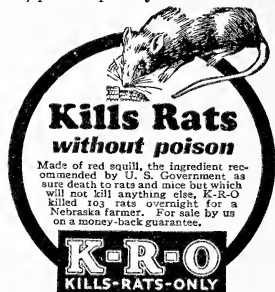
International brand package, both plain and iodized, contains 1½ pounds of guaranteed free Running Table Salt, packed 36 to the case.

Purity brand package, both

plain and iodized with a dependable pouring spout, contains 2 pounds of High Grade Table Salt. Guaranteed Free Running under all atmospheric conditions. Packed 24 to the case.



K-R-O Kills Rats Only
K-R-O will rid your premises without danger of killing livestock, pets or poultry.



Safest and most effective Rat Killer on the market.
Price: 2 oz. can, .75; postpaid, .80
Martin's Paste Wax



Polishes quickly and easily—revives the original finish—provides actual protection for the surface on which it is used.

Because of the purity of the Wax Materials used in its manufacture, Martin's Paste Wax will cover more surface than other Waxes. This makes Martin's economical to use.

Martin's Paste Wax has none of the greasy, smeary, slippery characteristics so objectionable to housewives.

2½ oz. can, \$.30, postpaid, \$.35; ½ lb. can, \$.55, postpaid, \$.65; 1 lb. can, \$1.00, postpaid \$1.10; 25 lb. can, \$20.00.

Martin's Liquid Wax

Produces a rich, soft, velvety glow on furniture, floors and other surfaces to be waxed. Martin's has cleansing properties which remove dirt from the surface—the wax itself provides a non-dirt-collecting film over the surface. This polishes readily to a beautiful finish.

Handsome Maple, Birch, or Oak floors will be well protected with Martin's Liquid Wax.

For your fine furniture Martin's Liquid Wax will produce a finish to which dust and lint will not adhere and on which finger prints will not show.

Pint can, \$.90, postpaid, \$1.00; half pint can, \$.50, postpaid, \$.55.





DIETZ LANTERNS AND GLOBES



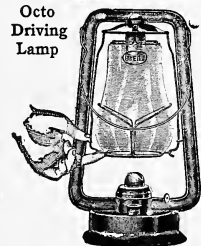
No. 2 Blizzard
Cold Blast



Wizard Cold Blast.
Short Globe



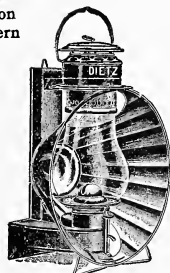
Octo
Driving
Lamp



No. 0 Monarch Hot Blast



Roadster Wagon
Lantern



Mammoth Search Light
Cold Blast

No. 2 Blizzard.....	\$1.40
No. 2 Special Blizzard with large fount.....	1.55
No. 0 Wizard Cold Blast. Short Globe.....	1.00
No. 30 Cold Blast. Search with Bulls Eye Globe.....	3.90
No. 60 Cold Blast. Mammoth Search. Plain Globe.....	11.50
Roadster Cold Blast. Side Lamp.....	1.80
Pioneer Street Lamp.....	8.25
Eureka Driving Lamp.....	2.10
Octo Driving Lamp.....	4.00
No. 0 Monarch Hot Blast....	.90
Sport.....	.70

A full stock of lantern globes carried at all times in the Blizzard Cold Blast, D-Lite (short) Cold Blast, Wizard Cold Blast, Tubular Junior and Bull's Eye styles.



Dash
Clamp
Holder



Eureka
Driving
Lamp

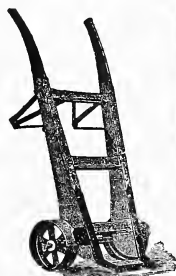
Mouse and Rat Traps

	Price
Victor Mouse.....	3 for \$0.10
Hold 'Em Mouse, Wire Cage....	.50
Four Hole Wood, Choker.....	.15
Five Hole Tin.....	.10
Victor Rat.....	.10
Erie Rat.....	.30
Hold 'Em Rat, Wire Cage.....	.80



Erie Rat
Trap

TRUCKS



Half Strapped
Steel Nose
Trucks



Dandy
Bag Truck



Eureka
Ash Can Truck

Steel Nose Trucks
Boston Pattern

Built for heavy service

1 B Small, half strapped.....	\$8.00
2 B Medium, half strapped.....	9.75
3 B Large, half strapped.....	13.75
Eureka Ash Can.....	3.75
Dandy Bag Truck, no legs.....	4.75

Rubber Belting—Prices Right

Stock Sizes

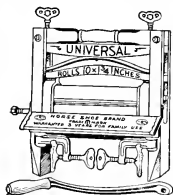
2 inch	3 Ply
3 inch	4 Ply
4 inch	4 Ply
5 inch	4 Ply
6 inch	4 Ply
Cut Lacing	
5/16 in., 3/8 in.,	
1/2 in.	





WRINGERS

American Wringer Company's Celebrated Horseshoe Brand



Tub Wringers
Iron Frame—Plain Bearing
No. 100 Daisy, 10 in.,
1 year warrant.....\$3.55
No. 330 Relief, 10 in.,
3 year warrant..... 5.15

Wood Frame, Plain Bearing
No. 327 E Universal, 10 in., 3 year warrant.
Enclosed Gears..... 7.35

FAMILY SIZE

No. 114

"Can't Splash"

Two piece all-Steel, 14 gauge Black Enameled. For 8 to 20 ounce Mops. Packed ½ dozen to the crate. Weight 57½ lbs. No. 14 Same in all galvanized.

Wood Frame, Ball Bearing

No. 380 E Universal, 10 in., 3 year warrant. Enclosed Gears.\$6.30

No. 381 E Universal, 11 in., 3 year warrant..... 6.60

No. 328 E Universal, 11 in., 3 year warrant. Reversible Board 7.75

Bench Wringers

No. B380 E Universal, 10 in., 3 year warrant. Ball Bearing. Enclosed Gears.....\$10.15

Wringer Rolls and Repairs



Price, \$3.00

WHITE MOP WRINGERS

Hotel Size

No. 1

Steel sides and front, wood bar and bottom. For 16 to 24 oz. mops. Packed 1 doz. to crate. Wt. 140 lbs.

FAMILY SIZE

No. 2

Maple sides and front, birch bar and bottom. For rag or Cloth mops. Packed ½ doz. to crate. Wt. 42½ lbs.

FAMILY SIZE

No. 14

"Can't Splash"
Two piece all galvanized 14 gauge steel. For 8 to 16 oz. Mops. Packed ½ doz. to the crate. Weight 57½ lbs.



Price, \$3.50

Price, \$2.35

Price, \$3.50

Round Oak Butter Boxes with Bail

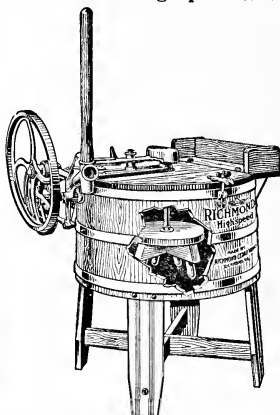
4 Quart each \$0.85
8 Quart each 1.10

Wooden Sugar Buckets

20 lb. Small Price \$.70
40 lb. Medium 1.10
70 lb. Large 1.50

All Prices Subject to Change Without Notice

Richmond Highspeed Washing Machine



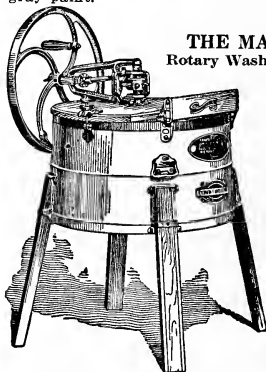
Richmond High Speed Washing Machine is fitted with well balanced fly wheel running on ten roller bearings and geared direct with cut tooth gears (all covered), which produces a mechanism with no dead center. Virginia white cedar tub, large flat steel hoops. Shipping Weight, crated, 115 lbs.

Price: \$18.25.

Lightning Washing Machine, a good first-class machine made of Virginia white cedar, finished in light gray paint.

Price, \$10.75

THE MAJESTIC Rotary Washing Machine



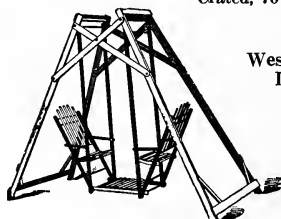
Roller bearings, Virginia White Cedar Tub. Electric-welded Wire Hoops.

The best, most durable and lightest running Rotary Washing Machine made.

The Majestic will wash overalls, blankets and heavy garments, or lace curtains and other delicate fabrics, perfectly and without injury.

Shipping Weight, Crated, 70 lbs. Price, \$13.50

Westfield Hardwood Lawn Swings

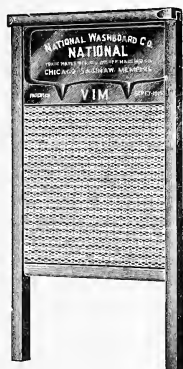


Two passengers, each \$12.50

Four passengers, each \$13.75



Washboards

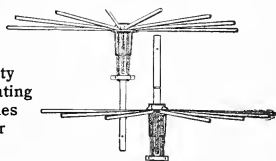


- No. 725 Naiad, perforated, spiral crimp.....60
 No. 795 Junior, pail size, 8½x 19, Globe crimp.....40
 No. 815 Daisy, pail size, 7¼x 16, globe crimp......25
 No. 12, Tidal Wave Glass, spiral crimp......60
 No. 181 Vim Brass, peerless crimp......75
 No. 182 Vim Zinc, peerless crimp......65
 No. 180 Vim Glass, spiral crimp......75
 No. 852 Roma Special Metal, plain crimp, double surface......40



Wall Dryers

Beauty
Elevating
Clothes
Dryer



- Smith's Wall Dryer.....\$1.15
 Beauty Wall Dryer.....1.35
 Burnell Adjustable Dryer.....1.00



Smith's Wall Dryer

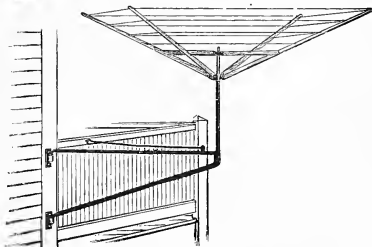
Step Ladders

Paris Hard Wood
.....per ft. \$0.65



Slaw and Kraut Cutters

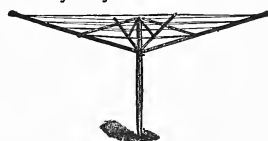
- No. 622 Slaw 6x18 in., 2 Knife.....\$0.60
 No. 643 Kraut 9x29 in., 3 Knife.....2.10
 No. 645 Kraut 11x33 in., 3 Knife.....2.75



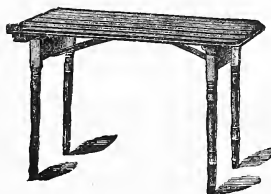
Balcony Dryer

Outdoor Clothes Dryers

- No. 1 110 ft. 4 Line\$7.00
 No. 2 150 ft. 5 Line7.50
 Balcony.....14.00



Outdoor Clothes Dryer

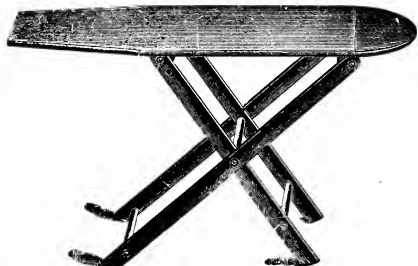


Folding Sewing Table

- No. 000 36x19 each \$2.55
 No. 00 36x19, with Castors, each 2.80
 No. 0 36x20, with Castors, each \$3.00

All Prices Subject to Change Without Notice

Folding Ironing Table



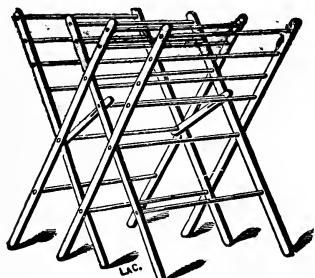
- No. 2 54x16, Cloth Top.....each \$3.90
 No. 3 54x16, Plain Top.....each 3.60

Pastry Boards

- 16x22, each.....\$1.10 18x24, each.....\$1.20
 20x26, each.....1.40

Bread Boards, with Rim

- 16x22, each.....\$1.20 18x24, each.....\$1.35
 20x26, each.....1.60



Spruce
Clothes
Horse

- No. 3 Small, 40 feet drying space.....\$1.85
 No. 3½ Medium, 50 feet drying space..... 2.00
 No. 4 Large, 60 feet drying space..... 2.25

LADDERS



Extension
Ladders

- 20, 22, 24 and 26 foot Ladders.....40 per foot
 28, 30 and 32 foot Ladders.....42 per foot
 34, 36, 38 and 40 foot Ladders.....44 per foot

Common Ladders

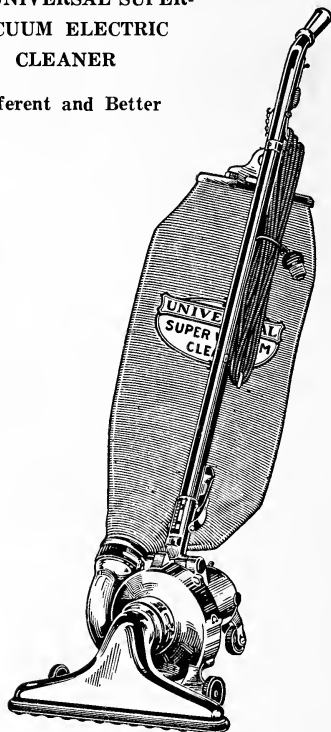
- 8 to 13 ft.....per ft. \$0.30 14 to 16 ft.....per ft. \$0.32
 17 to 22 ft.....per ft. .34

Apple Ladders

- 8 to 13 ft.....per ft. \$0.30 14 to 16 ft.....per ft. \$0.32
 17 to 22 ft.....per ft. .34

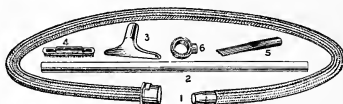
THE UNIVERSAL SUPER- VACUUM ELECTRIC CLEANER

Different and Better

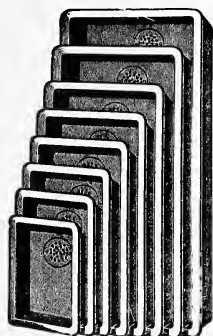


Gets all of the Dirt
Gets none of the Rug

The patented, Thread-Picking, Self-Cleaning Nozzle is the important improvement on the UNIVERSAL that has enabled it to become the most efficient cleaner today.



Because of its powerful suction, greater than that of other cleaners, its attachments make possible a real cleaning job—something never before accomplished with attachments of cleaners using less powerful suction. Write for folder and prices.



SINKS

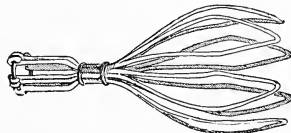
We carry the principal sizes of cast-iron sinks, fitted for lead pipe.

Prices		
2 ½ feet x 18 in.		\$4.60
3 feet x 20 ½ in.		5.35
3 ½ feet x 22 in.		6.75
4 feet x 24 in.		8.90
4 ½ feet x 24 in.		11.50

Ideal Fruit Picker's Bag

Made from heavy weight white duck.

Price, \$1.75; postpaid, \$1.85.



Wire Fruit Picker

No. 699. Wire to attach to pole.

Price, .60; postpaid, .70



A Wrench and Thread Cutter. Frosted Nickel. Non-Rusting.

This tool has more uses than any wrench on the market. A necessity on the farm, in every shop and household.

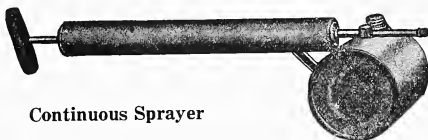
Price, \$0.60; by mail, \$0.70



Lowell Hand Oil Sprayers

Price Postpaid

No. 112 Tin	.40	.50
No. 426 Tin, continuous	.75	.85
No. 118 Tin, Jumbo Midget	.35	.45
No. 132 Tin, Flyer Midget	.30	.40



Continuous Sprayer



Lightning Hay Knife

Price, \$1.60

Grass Hooks

Little Giant, folding blade,
Price, \$0.60; postpaid, .70

Corn Hooks

Brooms, Serrated. Price
.50; postpaid, .60



Dust Pans

No. 4. 10 Japanned Black.

Price, .15; postpaid, .20

No. 90 IX Japanned Black. Triple

Edge. Price, .20; postpaid, .25



No. 142. Lowell Dry Powder Duster.

Price, \$1.00; postpaid, \$1.10

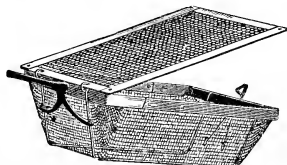


Regal Fly Killer.

Price, \$0.10; postpaid, \$0.15

All Prices Subject to Change Without Notice

Corn Poppers

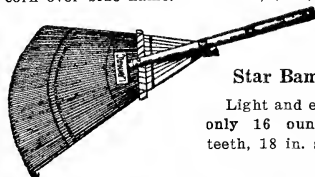


1 Quart Common	\$0.30
2 Quart Extra Heavy .....	.40
4 Quart Extra Heavy .....	.75



Pop Frier

3MB Pop Frier, 3 quart size, with pan for popping corn over blue flame. Price, \$.50; postpaid, \$.60



Star Bamboo Rake

Light and efficient, weighs only 16 ounces. Has 33 teeth, 18 in. spread.

Price, \$0.50

Universal Vacuum Bottle

Enameled case.



Pint size,
Price, \$1.00; postpaid, \$1.15
Quart size,
Price, \$1.95; postpaid, \$2.10



Glass Jug

1 Gallon size.....\$0.25; postpaid, \$0.40

No. 148 Gasoline Torch

Tank is made of heavy gauge seamless brass—the bottom contains the filler plug and is funnel shaped for convenience in filling. Pump in handle construction. Capacity, 1 quart.

Price, \$4.25; postpaid, \$4.50



Sunray Steel Wool

Sunray Steel Wool is positively uniform in texture.

Sunray Steel Wool has longer, stronger strands, which do not crumble and break up.

Sunray Steel Wool is free from dust, chips and tangles.

Sunray Steel Wool is cleaner, faster, easier to work and more economical to use. Five grades in household packages and one pound rolls.



Sexton All Metal Underground Garbage Receiver

Sanitary, odorless and flyproof. Garbage will not freeze. Outer body and inner pail heavy sheet galvanized steel. Supporting ring and cover made of cast iron, with foot treadle.



No. 4 10 gal. capacity.....\$8.00

Universal Columbia Lunch Kit

Hinged Cover Type

No. 2011, Lunch Kit. Black finish. Equipped with No. 1011 pint Columbia Bottle. Bottle has polished aluminum shoulder and drinking cup.

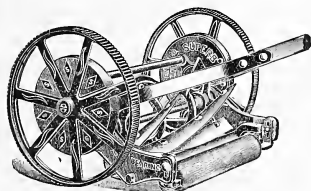
Price, \$1.50; postpaid, \$1.65



All Prices Subject to Change Without Notice



LAWN MOWERS

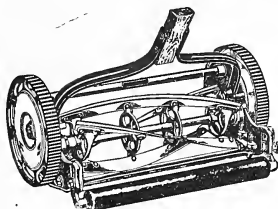


The
Superb

Superb is a strictly high-grade ball-bearing Lawn Mower. It is made of first-class material throughout and the workmanship and finish are unsurpassed. It has large driving wheels and fine cut gears, thus ensuring ease and quietness of running.

This Mower is furnished with patent double-edged bottom knife which is shaped like a piece of channel iron with two up-turned highly tempered edges.

Prices: 20 in., \$30.00; 22 in., \$32.25



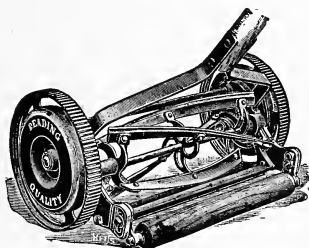
The
Lakewood

This Mower we guarantee to be the best ball-bearing Lawn Mower, for the price, on the market. It has high wheels (9 inches), flat, steel sliding pawls in the ratchets, and large diameter revolving cutter (6 inches), furnished with four blades.

This Lawn Mower is equipped with our patent adjustable ball bearings, the adjustment of which is accomplished by means of a single screw.

Prices: 16 in., \$11.50; 18 in., \$12.25

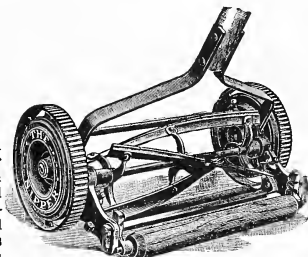
The
Quality



This is a good Mower at a medium price for all ordinary work. The drive wheels are nine inches in diameter. The revolving cutter is 6 inches in diameter and has 3 crucible steel blades highly tempered and ground true their entire length. It is carried on our patented adjustable ball-bearings.

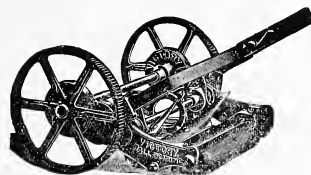
Prices: 14 in., \$8.60; 16 in., \$8.95; 18 in., \$9.40

The
Nipper



This is a good Lawn Mower at a medium low price and gives the purchaser full value for his money. It has brass bushings and the same ratchets and adjustments that are used on many of the high grade Mowers, and it is in every respect what is needed at the present time, viz., a Mower that will do good service and at a cost but little higher than the poor trash that is put out so freely.

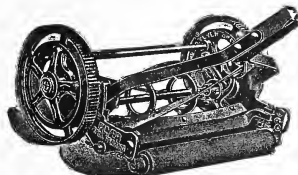
Prices: 14 in., \$6.60; 16 in., \$6.90; 18 in., \$7.35



Townsend's
Victory

We cannot offer a better Mower at any price. It has ball-bearings of the very highest grade exact to $\frac{1}{4}$ of 1-1000 of an inch, which greatly reduces friction. Double Steel Ratchet, very swift and smooth in action, as well as exceedingly hard for durability. Triple Gear. Entirely enclosed, allowing no dirt or cut grass to find its way into the pinions or cogs.

Prices: 16 in., \$22.25; 18 in., \$23.75; 20 in., \$25.75



Townsend's
Flyer

A splendid High-Grade Mower, at a little lower price than the "Victory." Ball-bearings entirely enclosed. Adjustments very simple. Knives very hard and of the best steel.

Prices: 14 in., \$13.25; 16 in., \$14.50; 18 in., \$15.75

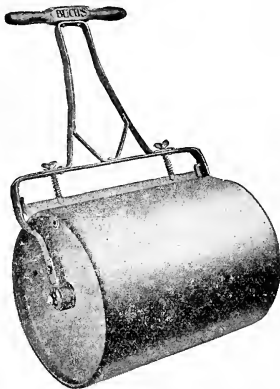


HASKELL IMPLEMENT AND SEED CO. LEWISTON MAINE



Water Ballast Lawn Roller

A High Grade Roller adapted for Rolling Lawns, Golf Courses and Tennis Courts.



No. 603

DESCRIPTION

No.	Diam., Inches	Length, Inches	WEIGHTS		Price
			Empty	Filled with Water	
603	24	24	110	420	\$20.00
604	24	32	130	566	22.50

A Plain Bearing Roller without our regular scraper to meet a demand for a little cheaper type roller.

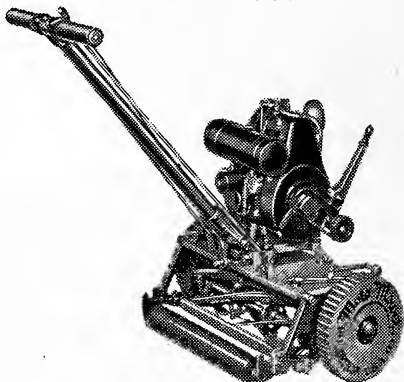


No. 607

DESCRIPTION

No.	Diam., Inches	Length, Inches	WEIGHTS		Price
			Empty	Filled with Water	
605	14	24	68	175	\$12.00
606	18	24	82	265	14.50
607	14	15			11.50

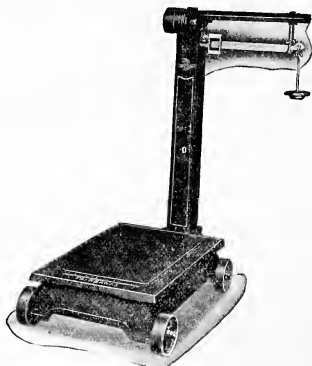
MOTO-MOWER POWER LAWN MOWER



City Model, 21-in. Cut.

Write for Catalog and Prices.

Fairbanks Portable Platform Scale



Single Beam with Wheels.

Beams graduated 50 lbs., by ¼ lbs.

It is absolutely accurate and durable.

The "Fairbanks" scale is made to comply with the laws on weights and measures of all States of the Union.

500 Lbs. Capacity. Platform, 16x25.

Price \$21.00

1,000 Lbs. Capacity. Platform, 17x26.

Price \$23.50

O-CEDAR POLISH MOPS

A Better and Easier Way to Clean



**Triangular
Polish
Mop**

**Battleship
Polish
Mop**



Cleans and polishes at the same time, putting a high, lasting lustre on all varnished surfaces. There is nothing to equal O-Cedar Polish Mop for polishing floors, linoleum, etc. Gets down into the corners, gets the dust under beds, heavy furniture, radiators, etc. The mop is padded and cannot scratch or mar the furniture.

No. 3 Large Triangle O-Cedar Polish Mop.....	\$1.50
No. 4 Small Triangle O-Cedar Polish Mop.....	1.00
No. 9 Triangle O-Cedar Dust Mop.....	1.00
No. 63 Slip On O-Cedar Dust Mop.....	1.00
No. 15 Special O-Cedar Polish Mop.....	.75

Prices:

O-Cedar Polish

A Wonderful Varnish Food



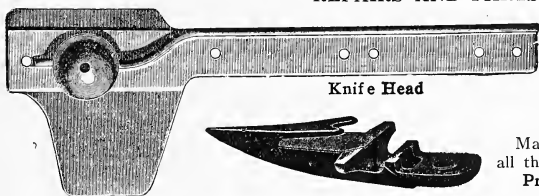
For cleaning and polishing floors, furniture, automobiles, etc. O-Cedar is by far the most economical furniture polish, as it is used with water. Puts on a high, hard, lasting lustre, and does not leave a bluish cast and gummy surface. It contains no grease, mineral by-products or benzenes.

Every ingredient of O-Cedar Polish is a pure vegetable substance. Positively will not ignite. It is easy to use. Very little rubbing is required.

O-Cedar Polish is well and favorably known and is widely advertised in connection with the O-Cedar Polish Mop.

Price: 4 oz. Bot.....	\$0.30	Price: 1 qt. Cans.....	\$1.25
Price: 12 oz. Bot.....	.60	Price: 1 gal. Cans.....	\$3.00

REPAIRS AND PARTS



Knife Head

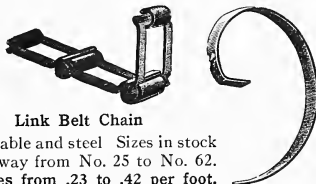
Guard Bolts and Guard Plates for all Guards, Knife Heads, Section, Rivets, etc., all guaranteed to fit the machine for which they are intended.



Steel Harrow Tooth: Square 1/2 and 3/4 inch.



Cultivator Steels



Link Belt Chain

Malleable and steel Sizes in stock all the way from No. 25 to No. 62. Prices from .23 to .42 per foot.

Spring Harrow Tooth



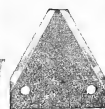
Mower Knife



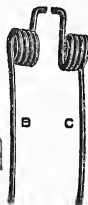
Guard Plate



Guard Bolt



Section Tedder Fork



Notice—In ordering repairs always give name of machine and number of old part. When the number or letter cannot be found, it is always best to send, by parcel post or express prepaid, the old or broken part, thus avoiding mistakes or delays.

STOPS *the* LEAKS



STORMTIGHT is an adhesive compound, ten times thicker than paint. It does not dry out nor become hard and brittle. Under the slow curing process that it undergoes, the top surface becomes firm but the body of the material underneath remains pliable and elastic, so that it readily conforms to the expansion and contraction of the roof surfaces. It retains its rubber-like consistency indefinitely under all weather conditions.

Stormtight is the result of years of scientific research. Hundreds of exposure tests were made on every kind of roofing material, under varied weather conditions. These tests were closely watched. One by one the harmful ingredients were rejected, the wrong combinations eliminated, until the present formula was arrived at, which gives you a roofing product with the following ideal characteristics:

A one-piece covering without joints or nail holes.

Impervious to rain, snow, wind and sun.

Unaffected by gaseous vapors, acids or alkalies.

Will not harden, crack or peel.

Highly fire resistant.

Low in cost.

Stormtight can be applied in any weather, by anybody. It sticks to any kind of roofing material; no matter whether the roof is wet or dry, hot or cold, you can stop a leak a few minutes after you discover it. Stormtight is a scientific blend of oils, special waterproofers, reinforcing pigments and asphalt, based on years of investigation and practical tests.

STORMTIGHT—LIQUID

	BLACK	MAROON	RED & GREEN
Drums — 64 gallons.....	\$1.50 per gallon	\$2.00 per gallon	\$3.00 per gallon
Drums — 38 gallons.....	1.60 per gallon	2.10 per gallon	3.10 per gallon
Cans — 5 gallons (2 per case).....	1.90 per gallon	2.40 per gallon	3.40 per gallon
Cans — 1 gallon (6 per case).....	2.00 per gallon	2.50 per gallon	3.50 per gallon

STORMTIGHT—PLASTIC

Drums — 600 pounds.....	15c per pound	20c per pound	30c per pound
Drums — 375 pounds.....	16c per pound	21c per pound	31c per pound
Buckets — 50 pounds.....	19c per pound	24c per pound	34c per pound
Buckets — 25 pounds.....	20c per pound	25c per pound	35c per pound
Cans — 5 pounds (12 to case).....	22c per pound	27c per pound	37c per pound
Cans — 1 pound (24 to case).....	25c per pound	30c per pound	40c per pound

COLONIAL HOUSE PAINT



Our Colonial Paint sales have more than doubled in the last twenty-five months. Are you handling this line? If not, you are missing a great opportunity to increase your business.

Colonial Paint is used on every job where quality counts.

Pure lead, pure oil, pure zinc, pure dryer—that is Colonial Outside White. Send for a case of this wonderful product for your next customer and he will be advertising your wares, just the same as Mr. Goodrich, whose unsolicited testimonial is given below:

Lewiston, Maine,
May 3rd, 1929.

Haskell Implement & Seed Company,
Lewiston, Maine.

Gentlemen:

Feeling it a duty, I stop for a few moments to inform you of the results obtained after using Colonial Paint on my buildings in Winteport, Me.

In the first place the buildings were washed with soap and water (as they were well covered with paint), for they were very dirty due to road building, then one coat of Colonial Outside White was used and Natural Bronzite for the blinds, and I take pleasure in stating that I believe it one of the finest paint jobs in Maine. The painter, Mr. William Parker, told me this spring, that since he did the work last August, that out of state people had called at his place and asked how the paint was put on, also the brand, where it might be obtained, stating that it did not seem possible for paint on buildings to be so white.

The caretakers informed me tourists have stopped en route, to look the buildings over and some calling at the door, asking the brand of paint. I was down there this week and found the paint surface as glossy and white as it was when first done.

This letter was not solicited and may be used for any purpose you see fit to do with it, or call on me at any time.

Very truly yours,

(Signed) E. P. GOODRICH, M.D.,
District Health Officer,
136 Webster St.,
Lewiston, Maine.

COLONIAL FLOOR & DECK ENAMEL



This is an enamel floor paint that flows on without showing a brush mark, leaving a mirror-like surface. One coat is sufficient on old work. Dries over night. Can be applied by anyone. Made for both exterior and interior use. Send for a color card of ten attractive shades.

VELVETA



Velveta is a splendid interior flat paint made for use on walls and ceilings either wood or plaster. It has great covering capacity, flows easily under the brush and will not show laps. Velveta gives a soft dull velvet finish. Is made in fourteen attractive colors as well as white.

COLONIAL A No. 1 VARNISHES



Colonial A No. 1 Varnishes are standard in quality, because they are made of the finest gums obtainable.

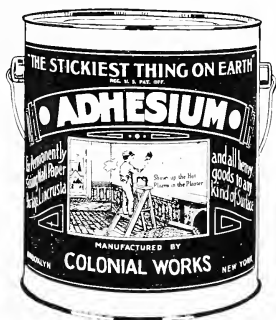
They are not affected by boiling hot water or ammonia.

Put up in all sizes and for all purposes.



Bronzite—"The permanent green paint"—insures the green color against fading on every job where it is used. Made in seven beautiful shades and in all sizes.

No matter how good the rest of your home looks, if the green fades the whole job looks bad. Use Bronzite Green for perfect results.



Adhesum is a wall paper size so sticky that lincrusta can be hung on any surface without fear of it coming off.

Adhesum will detect the hot spots, showing where to shellac to prevent free lime from burning through the wall paper.

Adhesum may be used as a primer on new wood, as a "between coater," thus saving stock and labor.

Adhesum is indispensable to the careful decorator.

Adhesum is cheaper than glue and 100 times more effective.

LUS-TRO-LAC

FOUR HOUR ENAMEL



Thousands of people have changed their furniture, autos, and boats from dull unattractive objects into shining examples of what just every day folks are able to make with a brush and a can of this wonderful Lustrolac Enamel—and it dries in four hours.

Dealers are turning their stocks on Lustrolac five to ten times a year because it is the best enamel you can possibly use on any surface either inside or outside. Send for a free sample, enough to enamel the fenders of your car.

Lustrolac is also made in five shades of varnish stain suitable for floors and furniture—Light Oak, Dark Oak, Light Mahogany, Dark Mahogany, and Walnut.

Lustrolac Varnish Stain is made from the same varnish that makes Lustrolac Enamel so wonderful.

Important Announcement

LUS-TRO-LAC IS NOW MADE UP IN VARNISH STAIN

AS FAR SUPERIOR TO THE ORDINARY VARNISH STAIN
AS LUS-TRO-LAC ENAMEL IS SUPERIOR TO ORDINARY ENAMEL

TRY IT! You will be more than pleased

THE GAINSBOROUGH—ART STUDENT'S OIL COLORS

PERMANENCY KEY: A valuable Guide for the Artist

- ***Absolute Permanency.
- **Sufficient Permanency.
- *Moderate Permanency.
- oNot Sunproof.



Tube Size VII
3/4" x 4"

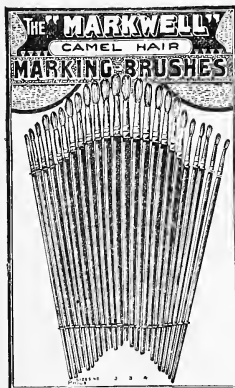


Tube Size VI
3/4" x 3"



Tube Size IX
1" x 4"

These Colors are highly recommended for Sketching, Decorating and Mural Painting, also Commercial Poster Work. Especially adapted for Tinting of Paints.



Markwell Camel Hair
Camel Hair Marking Brushes on tin ferrules, long polished handles.

2 Dozen assorted sizes 1 to 4.

CAMEL HAIR BRUSHES for the
Paint—Drug—Hardware |
Stationery and School
Supply Trades



Perfect

Oval Camel Hair Lacquering or Bronzing Brushes, on tin ferrules, green, polished handles.

1 Dozen size 5/8" wide. 81

Series A. Tubes Size IX

1" x 4"

Price, \$.20 Each

Perman-

No.	ency	Name of Color
600	**	Asphaltum
620	***	Burnt Ochre, Light
624	**	Burnt Sienna
630	***	Burnt Umber
651	***	Dark Ochre
678	***	English Red, Light
689	***	English Red, Deep
£19	***	Gold Ochre
£12	***	Ivory Black
616	***	Lamp Black
623	**	Raw Sienna
627	**	Raw Umber
656	***	Terra Pozzoli
618	***	Yellow Ochre, Light

Series B. Tubes Size VII

3/4" x 4"

Price, \$.20 Each

664	*	Chrome Green, Light
665	*	Chrome Green, Deep
693	*	Chrome Yellow, Light
608	*	Chrome Yellow, Deep
622	**	Emerald Green
687	o	Indian Yellow
631	**	Van Dyke Brown
645	**	Zinc Yellow
672	**	Prussian Blue

Series C. Tubes Size VI

3/4" x 3"

Price, \$.30 Each

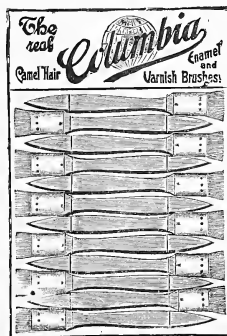
658	***	Cadmium Yellow, Deep
644	**	Madder Lake, Light (Rose)
663	**	Madder Lake, Medium
640	**	Madder Lake, Deep
652	**	Vermilion, Light, Imit.
654	***	Vert Eméraude

WHITES

Tubes, \$.20 Each

Price, \$.20 Each

611	**	Chromnitz White
635	***	Zinc White



Columbia

Camel Hair
Lacquering or
Varnish Brushes,
on tin ferrules,
flat white
handles. 1 Dozen
size 1" wide.

BRUSHES for the PAINTER

"The Brush As Important
As the Paint"

No. 0812
Red Sable Water
Color Brush

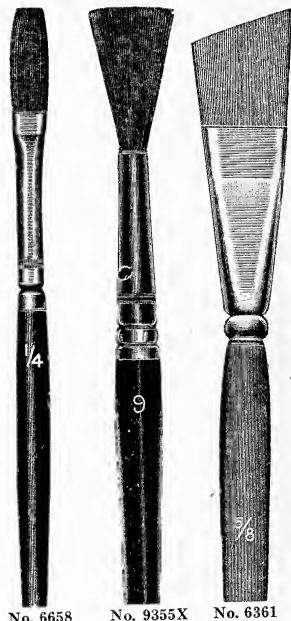
No. 2355X Red
Sable Lettering Brush

No. 9457X Red
Sable Rigger

No. 6658 Ox Hair
Stroke Brush

No. 9355X Red
Sable Show Card Brush

No. 6361 Bristle Angular Liner
All Sizes



No. 6658

No. 9355X

No. 6361



No. 823. Sharples Bowl Brush. For No. 2 and 3
Separators.Price, \$.20; postpaid, \$.25
No. 824. Sharples Bowl Brush. For No. 4, 6 and 9
Separators.Price, \$.20; postpaid, \$.25

No. 810 Milk Tube Brush. Price, .10; Postpaid, .13

No. 61. Milk Bottle Brush. Price, .45; Postpaid, .52

No. 82. Milk Bottle Brush. Price, .55; Postpaid, .62





PAINT AND VARNISH BRUSHES

Flat Varnish Brushes

Bristles set in hard rubber



XXXX Chinese

Selected Chinese bristles, chiseled edge, long and full, very elastic. Bristles vulcanized in hard rubber.

Width	1	1½	2	2½	3
Length of stock	2	2½	2½	3	3½
Price, each	\$.30	\$.45	\$.60	\$.80	\$1.10



Bristles set in hard rubber

XXX Chinese

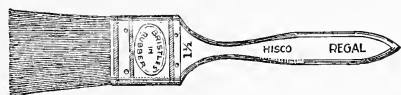
Black Chinese bristles, chiseled edge. For enameling and staining. Bristles set in hard rubber

Width	1	1½	2	2½	3
Length of stock	1½	2½	2½	2½	2¾
Price, each	\$.25	\$.35	\$.45	\$.55	\$.80

XX Chinese

For home varnishing. Bristles set in hard rubber.

Width	1	1½	2	2½	3
Length of stock	1¾	1¾	2½	2½	2½
Price, each	\$.20	\$.30	\$.35	\$.45	



Regal

Black bristles. A good all around varnish brush. Bristles set in rubber.

Width	1	1½	2	2½	3
Length of stock	1½	1¾	2	2½	2¾
Price, each	\$.15	\$.20	\$.25	\$.35	\$.40

Holdfast

Black bristles. Stained handle. Bristles set in rubber.

Width	1	1½	2	2½	3
Price, each	\$.10	\$.15	\$.20	\$.25	



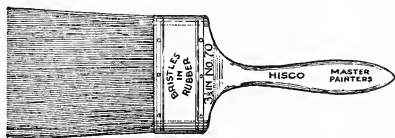
Bristles set in hard rubber.

Auto

Mixed gray bristles. Unfinished handle.

Width	1	1½	2	2½	3
Price, each	\$.20	\$.30	\$.45	\$.60	

Bristle Paint Brushes Set in Rubber



Master Painters' Wall

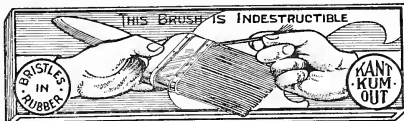
Best quality black bristles, extra long stock. A superior brush for the professional painter. Nickel bound. Bristles set in rubber.

Width	3	3½	4	4½
Length of bristle	3¾	4	4¼	4¼
Price, each	\$1.15	\$1.50	\$2.00	\$2.40

Majestic Wall

A black bristle brush about equal to our Master Painters' except with a trifle shorter stock. Bristles set in rubber.

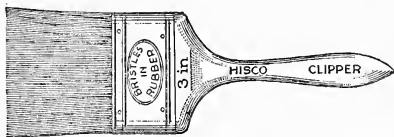
Width	3	3½	4	4½
Length of bristle	3¼	3½	3¾	3¾
Price, each	\$.85	\$1.10	\$1.35	\$1.75



TRIUMPH WALL INDIVIDUAL CARTONS

A superior black bristle brush, nickel bound with dark red handle. Bristles set in rubber. Five sizes.

Width	2½	3	3½	4
Length of bristle	2¾	2¾	3	3¼
Price, each	\$.50	\$.60	\$.75	\$1.00



Clipper Wall

Good all purpose paint brush. Black bristles set in rubber.

Width	2½	3	3½	4
Length of bristle	2¾	2¾	2½	2¾
Price, each	\$.45	\$.50	\$.60	\$.70

Raven Wall

Black bristle, low priced paint brush. Bristles in rubber.

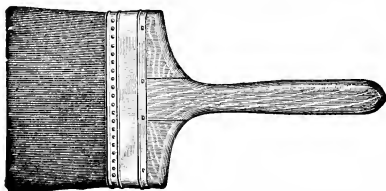
Width	2½	3	3½	4
Length of bristle	2¼	2¾	2½	2½
Price, each	\$.35	\$.40	\$.45	\$.55

Maine Wall

Black bristle set in rubber.

Width	2	2½	3	3½	4
Length of bristle	2	2½	2½	2½	2½
Price, each					\$1.25

Kalsomine Brushes

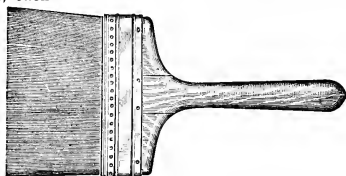


Gray Extra Extra

Gray mixed bristle. Unfinished handle. Galvanized ferrule. Our best grade. Width 7 Length of bristle 5½. Price, each \$6.75

Korea

Black bristle. Dark red polished handle. Nickel bound. Width 7 Length of bristle 5 Price, each \$5.85



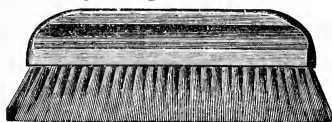
Trojan

Black bristle. Natural finished handle. Nickel bound. Width 7 Length of bristle 4¾ Price, each \$3.10 \$4.25

Mongol

Black bristle. Natural finished handle. Nickel bound. Width 6 Length of bristle 3½ Price, each \$1.15 \$1.60

Paper Hangers' Smoothers



Paris

Bristle, wire fastened. Length 10 12 Price, each \$1.25 \$1.50

Dandy

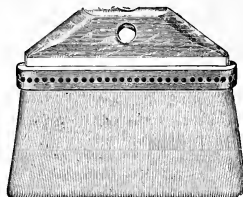
Grass fibre stock. Length 10 Price, each \$.35



Monarch Oval Paint with Bridle

A superior brush, long stock, black bristle. Three sizes 6 7 8 10 Price, each \$1.50 \$1.95 \$2.35 \$2.65

Whitewash Brushes



Special Smith's

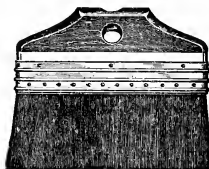
Hand made. Leather bound. Size 5/0 Length of bristle 5 Width 8½ Price \$8.25

Gray Russia

Leather bound. Unfinished head. Size 4/0 Length of bristle 5 Width 8½ Price \$7.00

Cambridge

Black bristle. Leather bound. Size 3/0 Length of bristle 4½ Width 8½ Price \$4.25



BB Typhoon

Black bristle. Metal bound. Size, 3/0. Length of bristle, 4. Width, 8. Price \$2.50

Malden

Black bristle. Metal bound. Width 6 7 8 Length of bristle 3 3 3 Price, each \$.75 \$1.00 \$1.25

Pride

Grass fibre stock. A low priced brush for paste. Width 6 7 Length of bristle 2¼ 2½ Price, each \$.40 \$.50

Good quality Chinese bristles set in rubber.

Sash Tools



Creole Sash

Number 1 2 3 4 5 6 7 8 Price, each \$1.15 \$1.15 \$2.20 \$2.20 \$2.25 \$3.30 \$3.35 \$4.40



Winner Oval Varnish

Width about 2¼ in. Price, .35

MARTIN VARNISH CO.

Pioneers of 100% Varnishes

Chicago

Martin's 100% Pure Floor Varnish

Composed of the best absolutely pure Oils, Varnish Gums and Turpentine—no adulterants or cheapeners of any sort.

Combines extreme durability—toughness—elasticity and absolute resistance to hot or cold water. Is Mar and Grease Proof. Remarkably free and easy working. Covers much more surface than adulterated Varnishes. Dries to walk on over night. Can be rubbed and polished to a fine finish in three days. The first varnish ever la-beled 100% pure.

Gals.	1/2 Gals.	1/4 Gals.	1/8 Gals.	1/16 Gals.
\$5.50	\$2.95	\$1.60	\$.90	\$.50

THE IDEAL FLOOR VARNISH



Martin's 100% Pure Outside Spar Varnish

The third of the Big Four Line of Pure Varnishes. Especially prepared for finishing front doors, store fronts, window sills, porch railings, and other surfaces of wood, which are exposed to the most severe weather—possesses remarkable elasticity, contracting and expanding with cold or heat. Gives splendid results on all water craft where water resisting and proofing qualities are necessary. Is quite pale in color and gives so tough a finish that it

really protects and preserves the surfaces over which it is used.

Gals.	1/2 Gals.	1/4 Gals.	1/8 Gals.	1/16 Gals.
\$6.50	\$3.45	\$1.85	\$1.00	\$.60

THE SPAR VARNISH WHICH EXCELS

Martin's 100% Pure Interior Finish

A fit companion to Martin's 100% Pure Floor Varnish—produces a rich and permanent gloss finish—is not affected by moistures, works very easily and dries hard in 36 hours. It may be rubbed to a beautiful finish after three to four days.

We recommend its use for finishing the finest interior Woodwork.

Gals.	1/2 Gals.	1/4 Gals.	1/8 Gals.	1/16 Gals.
\$5.50	\$2.95	\$1.60	\$.90	\$.50

THE INTERIOR FINISH DE LUXE

Martin's Amber-Lyte

Martin's Amber-Lyte is the only penetrating floor finish on the market today. Unlike a varnish, it not only forms a film over the surface of the wood, but penetrates into it to such an extent that even when the surface of the wood is worn away, the Amber-Lyte finish and protection still remain. Penetrates farther into maple wood than linseed oil will penetrate into pine. Dries over night with rich satin finish. Practical finish for floors of maple in schools, hospitals, kitchens, as well as in homes.

It is used extensively by Master Painters as a filler in place of shellac.

Gals.	1/2 Gals.	1/4 Gals.	1/8 Gals.	1/16 Gals.
\$4.25	\$2.30	\$1.35	\$.75	\$.45

THE PENETRATING FLOOR FINISH

Martin's 100% Pure Velour Finish

This unusual Varnish will give a perfect effect of a rubbed finish, either Flat or Semi-Gloss, and it saves the expense of rubbing. Can be successfully applied over either old or new Varnished surfaces. Produces a soft, satiny depth which is very artistic and pleasing to the eye. Works very freely and dries in 18 to 20 hours.

Gals.	1/2 Gals.	1/4 Gals.	1/8 Gals.	1/16 Gals.
\$5.50	\$2.95	\$1.60	\$.90	\$.50

THE SATISFACTORY FLOOR FINISH

Martin's Satin Black Leather Finish

This very unusual piece of goods gives perfect satisfaction on leathers, mohair or pantasote. It will not stiffen or crack these materials. It preserves and beautifies tops, side curtains, and seat cushions. It will dry in fifteen to twenty minutes and will not rub off on clothing. (It is absolutely waterproof.)

Gals.	1/2 Gals.	1/4 Gals.	1/8 Gals.	1/16 Gals.
\$5.50	\$2.95	\$1.60	\$.90	\$.50

One pint will adequately cover the top of any car. A quart is sufficient for the top, seat cushions, curtains, etc., and it will greatly increase the resale value of your car.



Martin's Lightning Dryer

A most powerful Dryer. Does not discolor the whitest of paints. Will not curdle or burn. If used to the proportion from 1 to 20, it will dry in 14 hours. Contains no acids. Will mix with lead and zinc.

Gals.	1/2 Gals.	1/4 Gals.	1/8 Gals.	1/16 Gals.
\$3.25	\$1.80	\$1.00	\$.60	\$.40

Martin's Enamels

White

(Full Gloss or Egg-Shell Finish)

The perfect Enamel. May be applied to all kinds of woodwork. Also on Metal, Cement, Concrete, Plaster, Brick and Stone surfaces, inside or outside. Produces a beautiful, smooth, washable finish. Martin's Enamel has a wonderful body. Works out very easily under the brush. Compare its covering capacity and body with that of any other high grade enamel. Also note the ease with which it is worked out and the absence of brush marks in the finished surface. It may be rubbed to a dull finish. Put up in a Handsome Lithographed Can.

Gals.	1/2 Gals.	1/4 Gals.	1/8 Gals.	1/16 Gals.	1/32 Gals.
\$8.00	\$4.10	\$2.25	\$1.25	\$.70	\$.40

USED WHERE QUALITY COUNTS

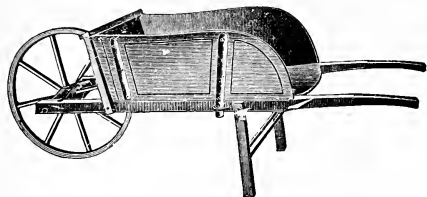




HASKELL IMPLEMENT AND SEED CO. LEWISTON MAINE



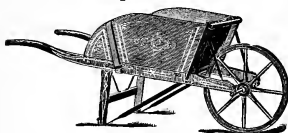
Paris Wheelbarrows



No. 6A Paris Wheelbarrow

- No. 5 Paris wheelbarrow. 43 inch shafts, weight 12½ lbs. Price.....\$3.60
No. 6A Paris Wheelbarrow. 54 inch shafts, weight, 35 lbs. Price.....\$6.40
No. 7 Paris Wheelbarrow. Full size, weight, 45 lbs. Price.....\$8.00

Special Garden Barrows



No. 5 Special

- than the No. 5 Special. Price.....\$8.00

No. 5 with steel wheel.

Price, \$6.50

No. 5 with wood wheel.

Price, \$7.00

No. 65 with wood wheel. This is a little larger

CEMENT BARROWS

C3½ Syracuse.

Steel tray and wheel. Wood handles. 3½ cubic feet. Weight, 70 lbs.

Price, \$8.00



No. C3½ Syracuse



No. F2 Lansing

F2 Lansing. Steel tray and wheel. Wood handles. 3½ cubic feet. Weight, 68 lbs. Price.....\$8.00

DIRT BARROWS



No. A02

A02 Lansing.

All steel. Tubular handles, 3

feet. Weight, 60 lbs.

Price.....\$7.25

ASBESTOLINE

PROTECTS AND PRESERVES ROOFS

The very best waterproof and weatherproof Asphalt of high elasticity thoroughly fabricated with ASBESTOS fibre constitute its ingredients and perfects a product that meets every climatic requirement or change—a substance that neither expanding heat or contracting cold affect.

The application of ASBESTOLINE requires no experienced help or any elaborate outlay for tools. A common floor hand brush is all that is needed and one coat of ASBESTOLINE will save that "worn-out, no-more-good roof," and keep it as tight as the proverbial drum for many years.

Aside from its long, life-giving properties, ASBESTOS being incorporated in ASBESTOLINE insures that ASBESTOLINE will not crack or peel, and it is impervious to acids, gases, or alkalis. Once it is set ASBESTOLINE is also fire resisting.

ASBESTOLINE on account of its heavy body seals up small holes, seams and cracks and creates an elastic roof without joints, seams or laps.

Use ASBESTOLINE for permanency on flat or sloping Roofs of Iron, Steel, Felt, Composition, or Gravel or on any surface requiring waterproofing or protection against the weather, acids, gases or alkalis.

We specially recommend ASBESTOLINE for waterproofing concrete and foundations and preserving of timber. The application is simple and the cost is very small. Every property owner, Industrial plant as well as the farmer, will save money by the various uses of ASBESTOLINE.

When you want Real Roof Protection at LOW cost—
USE ASBESTOLINE

Write for Folder and Prices

"Dandy-Lion" Weed Killer



Dandelion, Pigweed, Burdocks and other common weeds quickly and easily destroyed without cutting or digging, by use of the new "Dandy-Lion" Weed Extremator. Cutting or pulling off the tops only retards the growth, the weeds soon re-appear, more vigorous than before. One operation with the "Dandy-Lion" kills root and all.

How It Works

All working parts are made easily accessible. The base with all working parts is quickly unscrewed and opened up for cleaning or adjustment. The plunger is pushed down into the crown of the weed and the hole is enlarged by moving the handle with a circular motion. Then by pressing down the handle, the valve opens, the desired amount of weed killing solution is deposited in the centre of the root to be killed and the work is done. Price, \$1.00.



A "Good Roof" means a "Trouble-free" Roof



Here's a roofing you can put on a building—and then forget.

Rotproof and rustproof—Everlastic Mineral-Surfaced Roofing doesn't call on you for care or maintenance,—no painting, no staining, no upkeep of any kind.

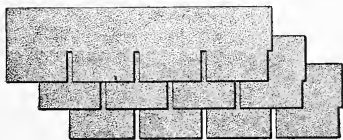
And it's fire-safe. If sparks or embers light on your roof, they sizzle out harmlessly. Moreover, Everlastic Mineral-Surfaced Roofing adds good looks to a building. It presents a surface of fadeless mineral in attractive colors—soft Red, moss Green, or shadowy Blue-Black.)

Note this special feature of real

value—the 2 inch "selvage." This furnishes an accurate guide in laying. It's a simple matter to distribute the cement evenly on this selvage—no cement streaks smearing up the roofing. Moreover, laps stay tight.

In brief, no better value on the market than this fine, time-proved roll roofing.

Smooth-Surfaced Roofings: Where this type of roofing is desired we recommend the Barrett Everlasting Brand, a roofing of heavy felt base thoroughly saturated with bitumen, that will give long years of satisfactory service.



A Barrett shingle roof makes any house easier to sell. Color in a roof also helps the sale value. Everlastic

Multi-Shingles, colorful and sturdy, are frequently used for re-roofing over old wooden shingles.



Not Just a Roof - A Lasting Protection

Any roofing will protect your house—for a while. But you want lasting protection. Protection against leaks—against heat in summer and cold in winter—against fire.

All this is assured in Barrett Everlastic Shingles. And in addition you get color—beautiful reds, greens, shadowy blue-blacks as well as variegated tones.

While Barrett has many styles of shingles, none is more popular than the sturdy Everlastic Multi (4-in-1) self-spacing strip shingle. It's now made in

36 in. width instead of 32 in., a real improvement. It takes 10% fewer strips per hundred square feet. There is a corresponding reduction in laying costs and the larger shingles look very handsome on the roof.

You can make no more satisfactory selection than to choose Everlastic Multi-Shingles. Sizes: 10 in. x 36 in. and 12½ in. x 36 in. and both attractively priced.

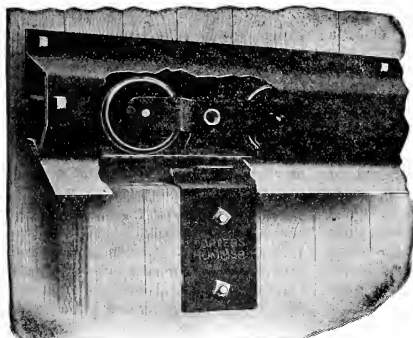
We will gladly send you an interesting roofing booklet.

We endorse

Barrett Roofings

All Prices Subject to Change Without Notice

BARN DOOR HANGERS



No. 21. Hummer Adjustable Hanger. Per Set **\$1.80**
Hummer Steel Track. Per foot **.27**
6, 8 and 10 foot lengths.

MYERS NEW WAY GIANT ADJUSTABLE DOOR HANGER

For Tubular Girder Track
Adjustable to and from Building
and to Raise and Lower
the Door

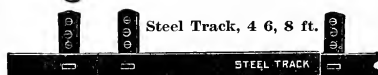


No. 12. Giant New Way Hanger.
\$2.50 per pair
Giant New Way Track.
24c per foot
Intermediate Brackets.
15c each
End Brackets. 15c each



The Myers Adjustable Tandem Stayon Flexible Door Hanger with Steel Roller Bearings

This hanger can be adjusted
perpendicularly so as to locate
the door at any point above the
ground desired. Also to adjust
the door to or from the building.
No. 3. Price.....**\$2.25 per pair**
Flat Steel Track**.09 per foot**
4, 6 and 8 foot lengths.



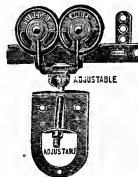
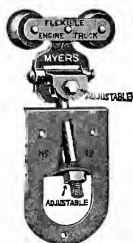
JOINT

Fig. 860

Porter's Hummer Tandem Adjustable Barn Door Hangers

Wheels are 2 3/4 inches in
diameter, made of superior
gray iron and run on roller
bearings. This hanger has a
vertical adjustment of 3/4
inch.

Hummer one-piece track
is made of No. 14 gauge
high carbon steel, is water-
proof, bird-proof, storm-
proof and self-cleaning.



Myers Sure Grip Tandem Adjustable Door Hanger

The perpendicular and lateral
adjustments are made with an
ordinary wrench, and at the will of
the user. Runs on same style track
as the number 3 and 25 Hangers.

No. 5. Sure Grip Hanger.

Per Set, **\$2.00**

Myers Right Angle Garage Door Hanger

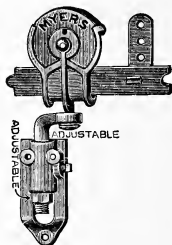
Rolls around the corner.

Used with 1 1/4 in. flat steel
track for inside sliding doors
on any building.

Storm and weather proof.

No. 26. Adjustable Garage
Door Hanger, complete with
bolts.

Price per set of three, **\$3.00**



Myers "O K Stayon" Flexible Covered Door Hanger

No. 1 "O K Stayon" Door Hanger
complete with bolts.

Price per pair, **\$1.40**

STRAIGHT-AWAY GARAGE DOOR HANGER

A Practical Outfit

"Straight-Away" is easily and quickly installed. It is made to fit standard doors. In the carton all parts and screws are separately packed and marked where they are to go. No possibility of making a mistake. You, yourself, can install it in an incredibly short time.

Its straight track does away with extra labor and extra cost where a supporting arm is required. And it permits of saving of space, because the doors are **Folding-Sliding**. The **Offset Swivel**—an exclusive Porter feature—insures a perfect fit of doors against jamb and weather-strip. No possible chance for a "Straight-Away" outfit to sag, spring or bind. Slotted holes in the hanger plate make it easily and quickly adjustable to unevenness in floor, etc.

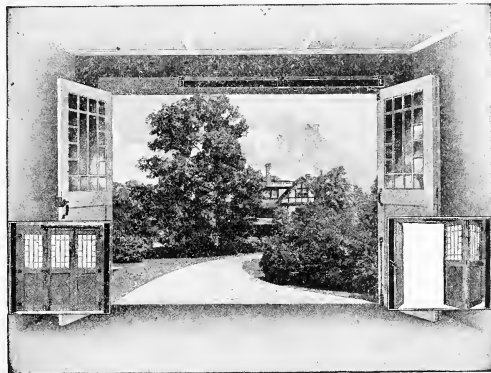
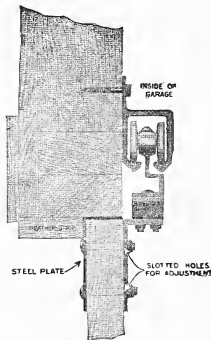
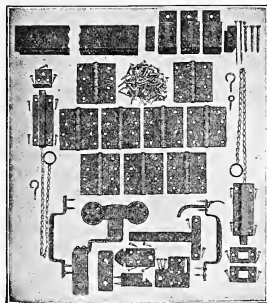
What the Set Includes

The "Straight-Away" Garage Door set contains everything

necessary for you to immediately install it. Note that no brace timbers are required, as the track is straight throughout its length.

The set is designed primarily for standard doors, 2 ft. 8 in. x 8 ft., these filling the regular width opening of eight feet.

Price, complete with all fittings as illustrated above, including 8 feet double V track.....\$7.50



Challenge Ball-Bearing Grindstone

A well and substantially built machine equipped with both hand crank and treadle. Frame is all steel—finished in Japan and red paint. Runs "true" and easy, for journals are fitted with Ball-Bearings.

Furnished with carefully selected Berea grit stone—from 2 to 2½ inches thick.

Challenge Ball-Bearing.
Large stone.....\$10.75

Challenge Ball-Bearing.
Medium stone.....\$9.50



No. 300 Cycle Grindstone

Angle steel frame, ball bearing.

Price with medium stone, \$9.85



HAY CARRIERS

The Myers O. K. Hay Unloader

For Rope or Cable Draft

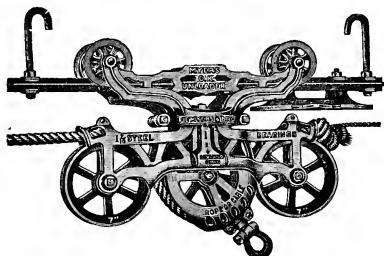


Fig. 1652

Reversible and Swivel

The Myers O. K. Unloader with extra long truck and seven-inch sheaves for cable draft rope is especially designed for heavy work. The long truck distributes the load on the track and adapts the car for using two forks or slings.

The bearings on all rope sheaves are 1 7-16th diameter, hard turned steel.

Price List, Represented by Fig. 1652

No. 209. Myers O. K. Unloader for Double Steel Track, 7-inch sheaves Net Price, \$13.50

No. 200. Myers O. K. Unloader for Double Steel Track, rope draft, small sheaves, otherwise same as No. 209. Net Price, \$10.75

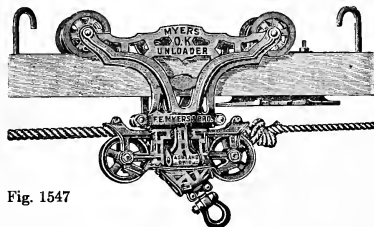


Fig. 1547

The Myers O. K. Unloader is our latest and best production. Has extra long and heavy truck, distributing the load on track and designed for heavy work.

Price List, Represented by Fig. 1547

No. 205. Myers O. K. Unloader for wood track, rope draft. Net Price, \$10.75

No. 212. Myers O. K. Unloader for wood track, rope draft. Same as No. 205 and in addition has 7-inch rope sheaves Net Price, \$13.50

All Prices Subject to Change Without Notice

HAY CARRIER OUTFITS

SPECIAL NOTICE: When requesting quotations do not fail to give exact length of barn, whether ridge or full rafter, and distance between rafters. Also state whether you expect to hoist from end or center of barn.

Estimates for Hay Carrier Outfits

Estimate of material required for a Steel Track Outfit for different barns:

For a 40-foot barn, One Carrier, 36 ft. Track, 12 Hanger Hooks, 12 Rafter Brackets, 1 Harpoon, or Grapple Fork, 3 Pulleys, 3 Floor Hooks, 140 ft. 3/4-inch Manila Rope, 55 feet 3/8-inch Check Rope, 1 Rope Hitch.

For a 50-foot barn, One Carrier, 48 ft. Track, 20 Hanger Hooks, 20 Rafter Brackets, 1 Harpoon, or Grapple Fork, 3 Pulleys, 3 Floor Hooks, 160 ft. 3/4-in. Manila Rope, 60 ft. 3/8-in. Check Rope, 1 Rope Hitch.

For a 60-foot barn, One Carrier, 54 ft. Track, 20 Hanger Hooks, 20 Rafter Brackets, 1 Harpoon, or Grapple Fork, 3 Pulleys, 3 Floor Hooks, 185 ft. 3/4-in. Manila Rope, 65 ft. 3/8-in. Check Rope, 1 Rope Hitch.

Above estimates of Rope are for an End Hoist. In hoisting from center of barn, less Rope will be necessary.

Approximate Size, Weight and Feet per Pound of MANILA ROPE

SIZE Circum. Inches	Diam. Inches	Weight of Full Coils	Weight of Half Coils	Feet Per Pound	Strain in Pounds
6 (thd.)	3/4	22	11	55 ft.	625
9 (thd.)	1 1/8	29	15	40 "	1,000
12 (thd.)	1 3/8	50	25	24 "	1,270
1 1/4	1 1/2	65	32	18 "	2,100
1 1/2	1 5/8	90	45	13 "	2,400
1 3/4	1 7/8	125	63	10 "	3,300
2	2	160	90	8 "	4,000
2 1/4	2 1/8	195	110	6 "	4,700
2 1/2	2 1/4	235	130	5 "	5,600
2 3/4	2 3/8	270	165	4 1/2 "	6,500
3	2 1/2	325	195	3 1/2 "	7,500
3 1/4	2 7/8	500	300	2 " 4 in.	12,500

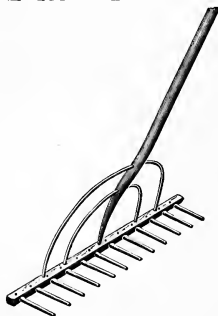
WOOD HAND RAKES

14 Teeth

Wood Bows
or
Steel Bows

Wood
Lawn Rakes
28 Teeth

Wood Bows
or
Steel Bows





No. 2259



No. 466



No. 1124



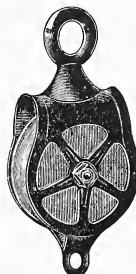
No. 1120



No. 1133



No. 692

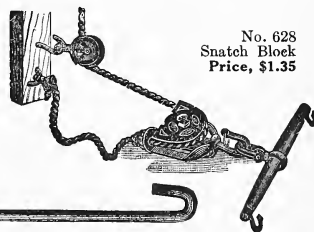


No. 486



No. 1701

- | | |
|---|--------|
| No. 1133. Plain Pulley, 6-inch maple sheave, malleable frame..... | \$0.65 |
| No. 692. Cast Frame, 5½-inch iron sheaves..... | .55 |
| No. 486. Floor Pulley with large loose pin..... | .70 |
| No. 1120. Malleable frame knot passing, 6-inch maple sheave, 1-inch axle..... | .70 |
| No. 1701. Malleable Pulley. Malleable frame and sheave, steel axle, roller bearing..... | 1.65 |
| No. 466. O. K. wood pulley with steel yoke, 1-inch hollow axle..... | .70 |
| No. 1124. Special Malleable Frame, extra heavy..... | 1.25 |
| No. 2259. Malleable Frame and 7 inch sheave..... | 2.00 |



No. 628
Snatch Block
Price, \$1.35



Myers Patent Double Steel Track

Price per foot.....\$0.25

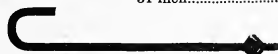
Grapple Fork

- | | |
|--------------|---------|
| 4 tined..... | \$10.50 |
| 6 tined..... | 12.00 |



Double Harpoon Hay Fork

- | | |
|--------------|-------------|
| | Price, each |
| 25 inch..... | \$2.50 |
| 31 inch..... | 2.75 |



Wood Track Hanger Hooks

- | | |
|--------------|--------|
| | Each |
| 10 inch..... | \$0.13 |
| 12 inch..... | .14 |
| 14 inch..... | .15 |
| 16 inch..... | .16 |
| 18 inch..... | .18 |



Jointed Hanger Hooks

- | | |
|--------------|--------------------|
| 12 inch..... | Price, each \$0.25 |
| ¾ inch..... | Price, each \$0.15 |

All Prices Subject to Change Without Notice

- | | |
|---------------------------------|--------|
| Steel Track Hanger Hooks | |
| Price, 6 inch..... | \$0.18 |
| 10 inch..... | \$0.25 |

Jointed Steel Track Hanger Hooks
Price, each, \$0.25

Knockers, Stops, Wheels and complete line of Repairs for Myers Clover Leaf Unloaders.



- | | |
|------------------------|--------|
| Rafter Brackets | |
| Price, each..... | \$0.06 |



- | | |
|--------------------------|--------|
| Swivel Rope Hitch | |
| Each..... | \$0.40 |



- | | |
|----------------------|--------|
| Steel Grapple | |
| Each..... | \$0.90 |



- | | |
|---------------------|--------------------|
| Floor Hooks | |
| ¾-inch..... | Price, each \$0.18 |
| Drive Screws | |
| Per gross..... | \$0.60 |

MYERS LINE OF PUMPS

We carry the most complete line of Pumps in this section. We have it whether you want it for house, barn or orchard. House pumps, well pumps, for all conditions. Electric Water Systems for Homes, Farms, Country Estates, Public and Private Institutions, including spraying pumps and pumps for pneumatic water systems, whether hand or power. If it's a Myers it is right.



Fig. 1665

No. R 253. Fig. 1663. Force pump, 3 1/2 inch brass cylinder, tapped for 1 1/2 in. suction pipe. Net Price, \$10.50
 Cock Spout as on Fig. 1895 on either of the above pumps. Add to Net Price.....\$1.00

The Myers Brass Cylinder Pitcher Pump

No. R 220. Fig. 1665. 3 inch brass cylinder cog gear pitcher pump, with patent glass valve seat, tapped for 1 1/4 inch suction pipe.Net Price, \$6.25

The Myers Cog Gear Pitcher Pump Fitted with Brass Valve Seat
 No. R 416. Fig. 1675. 3 inch polished iron cylinder, tapped for 1 1/4 inch suction pipe.....Net Price, \$4.25

No. 416. Same as No. R 416 except it does not have the cog gear handle.Net Price, \$4.00

The Myers Cog Gear House Force Pump with Siphon Spout and Glass Valve Seat

No. R 251. Fig. 1663. Force pump, 3 inch brass cylinder, tapped for 1 1/4 inch suction pipe. Net Price \$9.00

The Myers Cog Gear House Lift Pump with Siphon Spout and Glass Valve Seat

No. R 245. Fig. 1746. 3 in. brass cylinder, tapped for 1 1/4 in. suction pipe. Net Price\$7.00

No. R 246 1/2. Fig. 1746. 3 in. polished iron cylinder, tapped for 1 1/4 in. pipe. Net Price\$5.00

Myers Cog Gear Low Down Force Tank Pumps

Fig. 1906—No. R288. Hydro Pneumatic Century low down, 3 in. brass lined cylinder tapped for 1 1/4 in. pipe.

Net Price, \$13.50

No. R 288A as above with air valve.

Net Price, \$15.00

Fig. 1287—No. R470. Fitted with hose nipple,

hose attachment, hose band and strainer.

Net Price, \$14.50

No. R S 245. Fig. 1897. Lift pump, 3 inch brass lined cylinder, tapped for 1 1/4 inch suction pipe, 4 ft. set length.....Net Price, \$10.50

No. R S 251. Fig. 1745. Force pump, 3 in. brass lined cylinder, tapped for 1 1/4 inch pipe, 4 ft. set length. Net Price.....\$12.00

Cock Spout on R S 251. Add to net price.....\$1.00

Myers Brass Lined Cylinders

Fig. 976. Myers Brass Lined Cylinders are constructed with an outer shell of cast iron, in which is placed a heavy seamless drawn brass tube, ends of which are swaged out by our patent roller process to fit bevel on outer shell.

Fig. 577
 Brass
 Cylinder
 Sectional
 View

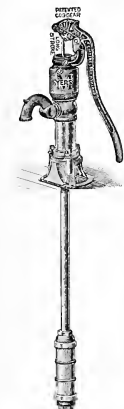


Fig. 1897



Fig. 976

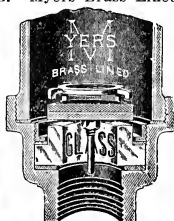


Fig. 1663



Fig. 1675

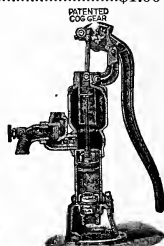


Fig. 1895



Fig. 1745

All Prices Subject to Change Without Notice

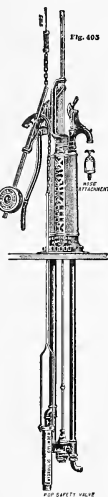


Fig. 405



Fig. 1898



Fig. 2271



Fig. 1830

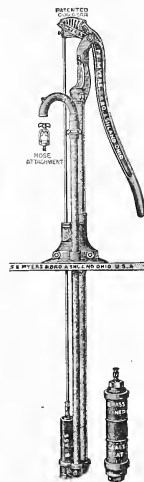


Fig. 1766



Fig. 1109

Myers Adjustable Base Lift Pump

Fig. 1830—No. R 1058. 3 in. polished iron cylinder, with iron seat, tapped for $1\frac{1}{4}$ inch suction pipe.

Net Price \$9.00

Fig. 1830—No. R 1059. $3\frac{1}{2}$ in. polished iron cylinder, with iron seat, tapped for $1\frac{1}{2}$ inch suction pipe.

Net Price 10.00

Myers Cog Gear Lift Pumps

Fig. 1830—No. R 1052. 3 in. brass lined cylinder, with glass seat, tapped for $1\frac{1}{4}$ in. suction pipe.

Net Price 11.50

Fig. 1830—No. R 1054. $3\frac{1}{2}$ in. brass lined cylinder, with glass seat, tapped for $1\frac{1}{2}$ in. suction pipe.

Net Price 13.00

Myers Cog Gear Stock Lift Pump

Fig. 2271—No. R 194. 4 in. brass lined cylinder with glass seat, tapped for $1\frac{1}{2}$ inch suction pipe.

Net Price 18.00

Myers Cog Gear Branch Pipe Double Acting Force Pumps

Fig. 1766—No. R 16. Has a $3\frac{1}{2}$ inch brass lined lower cylinder with glass valve seat, tapped for $1\frac{1}{2}$ inch suction pipe.Net Price 19.00

Myers Cog Gear Combination Shallow or Deep Well Force Pumps

Fig. 1109—No. R 184. Has a $2\frac{1}{2}$ inch brass lined lower cylinder with latest improved glass valve seat.

The brass upper cylinder is $4\frac{1}{2}$ feet below the platform, tapped for $1\frac{1}{4}$ inch pipe.....Net Price 18.50

Fig. 1109—No. R 72. Has a 3 inch brass lined lower cylinder with latest improved glass valve seat.

The brass upper cylinder is $4\frac{1}{2}$ feet below the platform, tapped for $1\frac{1}{4}$ inch pipe.....Net Price 18.50

Fig. 1109—No. R 74. Has a $3\frac{1}{2}$ inch brass lined lower cylinder with latest improved glass valve seat.

The brass upper cylinder is $4\frac{1}{2}$ feet below the platform, tapped for $1\frac{1}{2}$ inch pipe.....Net Price 20.50

Myers Cog Gear Single Acting Force Pumps

Fig. 1898—No. R 1072. 3 in. brass lined cylinder, glass valve seat, tapped for $1\frac{1}{4}$ inch suction pipe.

Net Price 13.00

Fig. 1898—No. R 1074. $3\frac{1}{2}$ inch brass lined cylinder, glass valve seat, tapped for $1\frac{1}{2}$ inch suction pipe.

Net Price 14.50

Myers Windmill Regulator Force Pumps

Fig. 405—No. 243. Fitted with $1\frac{1}{2}$ in. 3-way 3x14 brass lower cylinder and plunger tube. Net Price, \$40.50

All Prices Subject to Change Without Notice



Myers Self-Oiling Bulldozer Power Pump

The Power End consists of a one-piece casting which forms the base of the pump and oil reservoir and encloses all working parts, protecting them from dirt or injury, and securing safety of operation. From the oil reservoir in the base, oil is carried by the main gear to the highest parts of the pump and by a system of channels distributed to all moving parts and returned again to the reservoir. This system of flood lubrication contributes quiet operation and long life, with a minimum of attention.

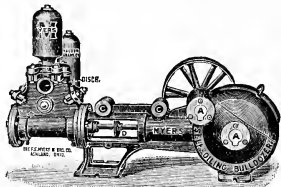


Fig. 2430

Fig. 1866. No. 912. 2 1/2 x 3 brass lined cylinder, 12-2 in. tight and loose pulleys, suction and discharge 1 1/4 in. Net Price, \$53.00

Fig. 1866. No. 913. 3x4 brass lined cylinder, 14x2 1/2 in. tight and loose pulleys, suction and discharge 1 1/2 in. Net Price, \$83.00

Fig. 2544—No.

925 AM

Myers Junior self-oiling system with 1/4 H. P. 110-220 volt, 60 cycle, single phase A C Motor, Belt Pressure Gauge, Electric Switch, Air Chamber and Relief Valve mounted complete on cast iron base. 300 gallons per hour.

Net Price, \$80.00

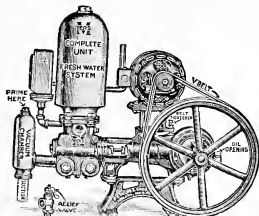


Fig. 2544

Myers Bulldozer Power Pump

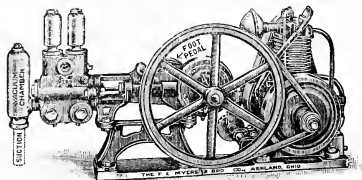


Fig. 2457

No. 909AE. Myers Junior self-oiling pump and relief valve with 1/2 H. P. 4 cycle high speed air cooled gas engine with magneto. Mounted on cast iron sub-base. Price, \$123.00

Myers Self-Oiling Home Water System Automatically Controlled

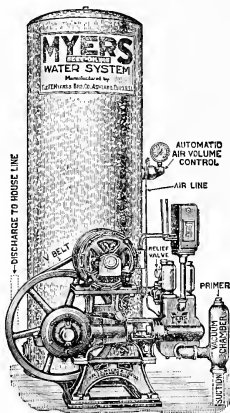


Fig. 2510 No. 909 AT complete with Vacuum Chamber, Relief Valve, Air Valve, Pressure Control Switch, Pressure Gauge, Endless Belt, Base, Water Gauge and Connecting Fittings. 42 Gallon Galvanized Tank. 1-4 H. P. Motor. 300 gallons capacity.

Net Price \$110.00

Fig. 2510

No. 906AT. 1/6 H. P. Motor, 250 gallons capacity, otherwise same as No. 909 AT. Price, \$105.00

Myers Direct Water System

Self-Oiling V Belt Drive

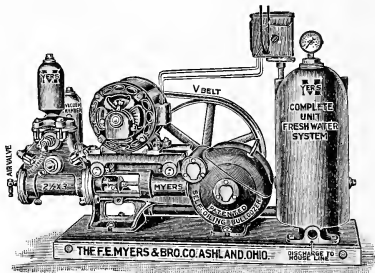


Fig. 2632

Complete Unit. No Storage Tanks. Capacity 500 Gallons Per Hour

Fig. 2632-No. V922 AM. Shallow Well Unit, including 1/2 H. P., 110-220 volt, 60 cycle, single phase, A. C. Motor, Pressure Gauge, Electric Switch and Air Chamber for Discharge. Mounted on Plank.

Net Price, \$150.00



Myers Pump Jacks

Fig. 1684—No. 426. Master Double Gear Pump Jack. Back geared, 6 to 1. Pulleys 3 x 12 in. Extra wide, 13 in. between the gear wheels. **Net Price, \$19.00**

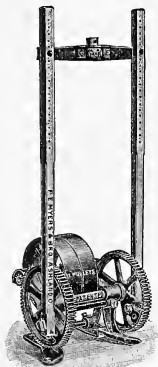


Fig. 1684

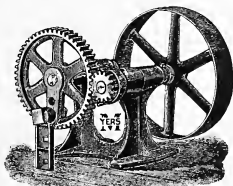


Fig. 1668

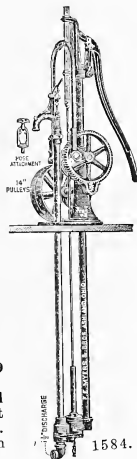
Fig. 1668—No. 400. Junior, with 36 in. wood rod and handle connections. **Net Price, \$14.25**

Myers Imperial Working Head

Fig. 2029—No. 422. Self Lubricating Pump Jack. Back geared 6 to 1. 12x2 inch light and loose pulleys.

Net Price, \$19.00

Fig. 2029



1584.

Fig. 1584—No. 389 Myers Imperial Working Head with machine cut gear and 14 in. pulleys, as shown in Fig. 1584. **Net Price, \$34.00**

Myers Double Acting Barrel Spray Pump

Fig. 543—No. 300. With Brass Upper and Brass Lined lower cylinder Strainer, 1-inch suction pipe and mechanical agitator. **Net Price, \$15.30**



Fig. 543

Myers Improved Brass Barrel Spray Pump

Fig. 1456—No. 304. Brass Barrel Spray Pump for inside of barrel with both jet and mechanical agitators. No hose or nozzle. **Net Price, \$11.00**

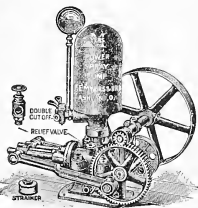


Fig. 1456

Fig. 1456—No. 305B as above with one lead of 15 feet of 1/2 inch hose and Vermorel nozzle. Barrel not included. **Net Price, \$15.00**

Myers Horizontal Double Acting Spray Pump Belt Drive

Fig. 1740. No. 580. Brass cylinder 2x4 inches with strainer, pressure gauge and relief valve. Pulley 14x2 1/2 inches. **Net Price \$48.00**



Net Price \$48.00

Myers O. K. Cog Gear Spray Pump

Fig. 1542

No. R308. Myers O. K. Spray Pump without barrel or hose. **Net Price, \$21.50**

R308B. Outfit with one lead 15 feet of 7 ply 1/2 in. discharge hose and one Fembro (Fig. 1290) nozzle. **Net Price, \$28.00**

R308C. Outfit with two leads of 15 ft. 7 ply 1/2 in. hose and two Fembro (Fig. 1290) nozzles. **Net Price, \$34.50**

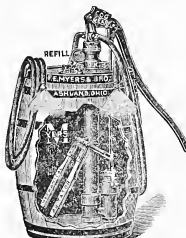


Fig. 1542

Represents No. R308C. Barrel not included.

Myers Bucket Spray Pump

Fig. 639—No. 327 1/2. Little Giant Brass Spray Pump with agitator, complete with hose and Imperial combination, fine, coarse spray and solid stream nozzle with adjustable malleable foot rest. **Net Price, \$4.30**

Fig. 1726—No. R324. Myers Lever Spray Pump, with agitator, complete with hose and graduating Vermorel and solid stream nozzle. **Net Price, \$6.50**

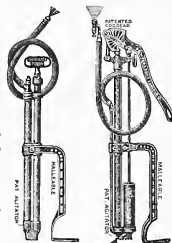


Fig. 639



Fig. 1726

Myers Cog Gear Spray Pumps, Double Acting

Price List, Represented by Fig. 1571

No. R317B. Pump complete with 100 gallon tank and mechanical agitator, mounted on skids, with pressure gauge, one 15 foot lead of $\frac{1}{2}$ inch 7 ply discharge hose, one Fembro (Fig. 1290) nozzle, one 8 foot pipe extension with lever shut off.

Net Price, \$65.00

No. R317C. Pump complete with 100 gallon tank and mechanical agitator, mounted on skids, with pressure gauge, two 15 foot leads of $\frac{1}{2}$ in. 7 ply discharge hose, two Fembro (Fig. 1290) nozzles, two 8 foot pipe extensions with lever shut off.

Net Price, \$71.00

Price List, Represented by Fig. 1518

No. R316B. Pump complete, 50 gallon barrel mounted on skids, with pressure gauge, one 15 ft. lead of $\frac{1}{2}$ in. 7 ply discharge hose, one Fembro (Fig. 1290) nozzle, one 8 ft. pipe extension with lever shut off and mechanical agitator.

Net Price, \$54.00

No. R316C. Pump complete, 50 gallon barrel mounted on skids, with pressure gauge, two 15 ft. leads of $\frac{1}{2}$ inch 7 ply discharge hose, two Fembro (Fig. 1290) nozzle, two 8 foot pipe extensions with lever shut off and mechanical agitator.

Net Price, \$60.00

Myers Whitewash and Spray Outfit

Fig. 1358—No. 329. Myers Whitewash, Cold Water Painting machine and general purpose sprayer complete as illustrated. **Net Price, \$13.00**

Armstrong Standard Spray Pump

STANDARD SPRAY PUMP is not a compressed air sprayer and is, in short, merely a very accurately designed and finely fitted "squirt gun," with a proper outfit of nozzles capable of various combinations. It is made of brass throughout. The nozzles are attached to the discharge end and the hose to the suction end of the pump.

Price, \$5.00; postpaid, \$5.15

All Prices Subject to Change Without Notice.

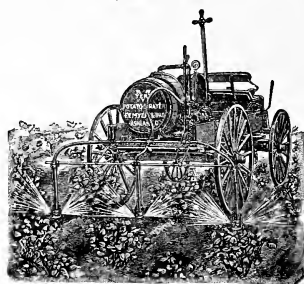


Fig. 1582

Fig. 1582—No. 1. Myers Three Row Hand Potato Sprayer complete, ready to attach to pump. Pump and barrel not included. **Net Price, \$20.00**

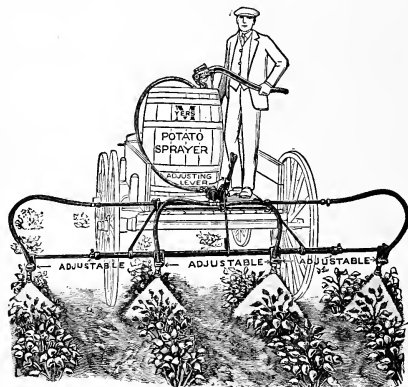


Fig. 2098

Fig. 2098—No. 6. Myers Hand Overhead 4 Row Sprayer, complete with hose and nozzles (pump and barrel not included). **Net Price, \$20.00**

Myers Power Spray Outfits

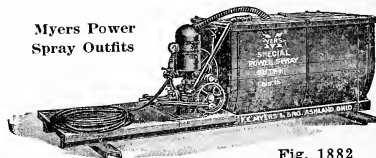


Fig. 1882

No. 15. Myers Junior Power Spray Outfit, belt driven, equipped with 50 ft. $\frac{1}{2}$ in. discharge hose with fittings, agitator, pressure gauge, relief valve, double-cutoff, strainer and suction hose.

Net Price, \$120.00



Fig. 1358

Myers Power Spray Outfits

Fig. 1591

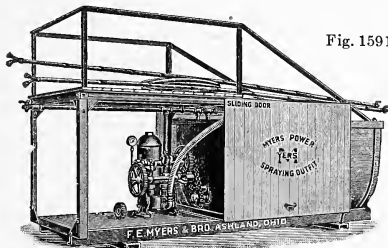


Fig. 1591. Myers Senior Power Spray Outfit complete less engine as shown with 200 gallon tank, No. 446—2½ inch Duplex Pump, with pinion for crank-shaft of engine. No. 1 **Net Price, \$245.00**

Equipped as Follows:

- 1 50 foot lead of ¾ inch best grade high pressure discharge hose.
 - 1 10 foot lead of ¾ inch best grade high pressure discharge hose, 10 feet wire bound suction hose.
 - 2 10 feet Bamboo Pipe Extensions complete with lever shut off.
 - 4 Fembro Nozzles—(2 45-degrees, 2 straight-away).
 - 2 Fig. 1560 Y's
- Rotary agitator. Cut-offs for discharge lines. Relief Valve. Pressure Gauge and Strainer. All assembled ready for use, except the engine.

Myers Handy Portable Sprayers

Fig. 1614

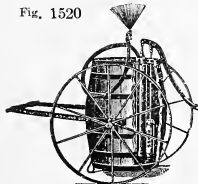


eral utility outfit suitable for spraying trees, whitewashing, painting, etc.

Fig. 1614—No. R336B with cog gear pump. Mechanical agitator, 15 feet of ½ in. hose, 8 ft. pipe extension in two 4 ft. parts and Vermorel Nozzle. Tank is made of heavy galvanized iron, 12 ½ gallon capacity. A general utility outfit suitable for spraying trees, whitewashing, painting, etc.

Net Price, \$26.00

Fig. 1520



Myers Steel Barrel Cart

Fig. 1520. All steel Barrel Cart attached to barrel has 36 in. steel wheels with 1¼ inch tire. Any Myers Barrel Spraying Pump can be used with it.

Steel Cart Only, ready to attach to barrel.

Net Price, \$16.00

Washington White Spruce Wood Pumps

It is a well known fact that a good Wood Pump furnishes the easiest and best method ever invented for raising water from shallow wells. Easiest repaired, cheaper to maintain, by far, than are Iron Pumps. **Washington White Spruce** from which our Wood Pumps are made is superior to any other wood, is practically without sap, and is entirely tasteless.

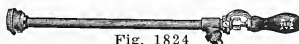
Net Prices

6 ft. Porcelain Lined.....	\$ 9.85
7 ft. Porcelain Lined.....	10.50
8 ft. Porcelain Lined.....	11.50
10 ft. Porcelain Lined.....	13.50
12 ft. Porcelain Lined.....	14.75
Tubing, per ft.....	32

All repairs for Wood Pumps carried in stock.

Myers Power Spray Gun

Fig. 1824



Utilizes the entire capacity of any Power Spray Pump and does away with all Bamboo Extensions, Nozzles and fittings. All working parts on the outside. Not subject to corrosion.

Net Price, \$6.00

Myers Pipe Extensions

- Fig. 480** 4 ft. pipe extensions with coupling. **Net Price, \$0.50**
- Fig. 480.** 8 ft. pipe extension with coupling. **Net Price, .75**

Fig. 480



Myers Bamboo Extensions

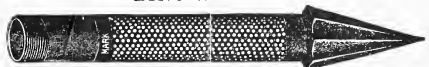
- Fig. 1536.** 8 foot bamboo extension, lever shut off cock. **Net Price, \$5.00**



Fig. 1536

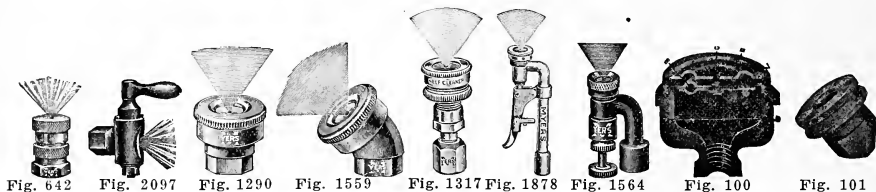
- No. 1536.** 10 ft. bamboo extension, with lever shut off cock. **Net Price, \$5.25**
- Fig. 1536.** 12 ft. bamboo extension, with lever shut off cock. **Net Price, \$5.50**

Drive Well Points



- | | |
|-------------------------|--------------------------|
| No. 90—1¼ in. x 2 ft. | Net Price, \$2.15 |
| No. 98—1¼ in. x 3 ft. | Net Price, \$3.30 |
| No. 136—1½ in. x 2 ft. | Net Price, \$2.80 |
| No. 140—1½ in. x 2½ ft. | Net Price, \$3.50 |

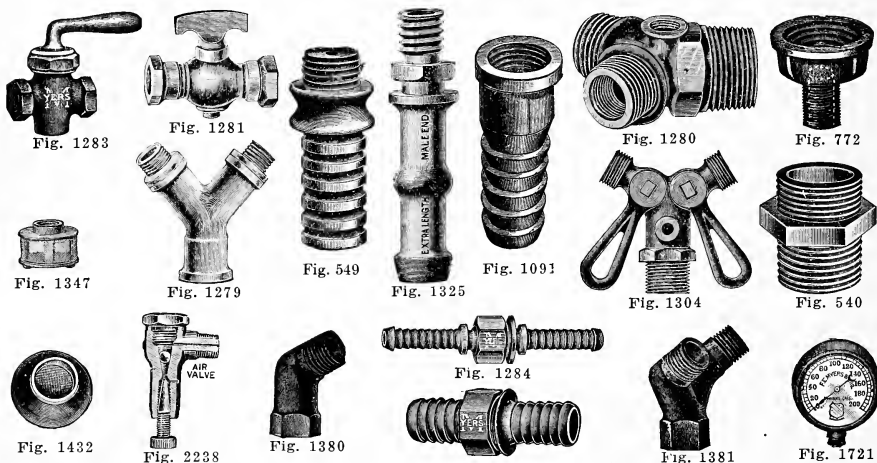
MYERS SPRAY NOZZLES



- | | |
|--|---|
| <p>Fig. 642. Imperial Nozzle.....Net Price, \$0.40
 Fig. 2097. Bordeaux Nozzle.....Net Price, 1.00
 Fig. 1290. Fembro Straight Nozzle.....Net Price, .60
 Fig. 1559. Fembro 45° Nozzle.....Net Price, .70
 Fig. 1317. Power Nozzle.....Net Price, 1.10</p> | <p>Fig. 1878. Special Spray Nozzle.....Net Price, 1.40
 Fig. 1564. Vermorel Nozzle.....Net Price, .80
 Fig. 100. Brown's Non-Clog Nozzle. Net Price, 1.00
 Fig. 101. Gould's Mistry Jr. Nozzle. Net Price, 1.10</p> |
|--|---|

Fig. 101 we can furnish either straight or angle at same price.

MYERS SPRAY PUMP FITTINGS



- | | |
|---|---|
| <p>Fig. 224. Garden Hose Coupling, ½, ⅝ or ¾ in. Per Set, Net Price, \$0.20
 Fig. 540. Brass Hose Nipple, ¾ in. Net Price, .40
 1 in. Net Price, .60
 Fig. 549. Male End Regular ¼ in. pipe, ¾ or ½ in. hose Net Price, .25
 Fig. 772. Hose Reducer. ¼ in. pipe, ¾ in. hose Net Price, .30
 Fig. 1091. Female End, ¼ in. pipe, ¾ or ½ in. hose Net Price, .25
 Fig. 1279. Brass Y ¼ in. pipe. Net Price, .60
 Fig. 1280. 3 Way connection, 1 in. pipe inlet, ¾ in. hose outlet, Net Price, 1.35
 Fig. 1281. Shut-off Cock. ¼ in. pipe. Net Price, .80
 Fig. 1283. Lever Shut-off, ¼ in. pipe. Net Price, 1.00</p> | <p>Fig. 1284. Hose Coupling, extra long. ¾ and ½ in. Net Price, .60
 Fig. 1304. Double Cut-off 1 in. pipe inlet. ¾ in. hose outlet. Net Price, \$3.25
 Fig. 1325. Male End, Extra Long, ¼ in. pipe, ¾ or ½ in. hose. Net Price, .35
 Fig. 1317. Strainer for 1 in. pipe. Net Price, 1.35
 Fig. 1380. 45° Bend, ¼ in. pipe. Net Price, .25
 Fig. 1381. 45° Bend Double ¼ in. pipe. Net Price, .40
 Fig. 1432. Strainer for 1 in. pipe. Net Price, .90
 Fig. 1721. Pressure Gauge.
 100 lbs. 2 ½ in. Diameter. Net Price, 2.00
 250 lbs. 2 ½ in. Diameter. Net Price, 2.00
 400 lbs. 3 ½ in. Diameter. Net Price, 3.00
 Fig. 2238. Air Valve. Net Price, 2.00</p> |
|---|---|

Brown's Auto-Spray No. 9

An excellent all round Sprayer for small trees, field crops, home and truck garden, vines, etc. Also recommended for removing wall paper. Capacity 4 gallons. Two feet hose, Auto-spray Nozzle, Carrying Strap, Auto-Pop Shutoff, 22 inch extension Rod. Shipping weight, 11 lbs. Postage extra.



No. 9 D Galvanized Steel Tank.....Net Price, \$6.95

No. 9 B Brass Tank.....Net Price, 10.50

BROWN'S AUTO-SPRAY NO. 50

Smaller Capacity, Lighter Weight

This sturdy little machine is built exactly the same as No. 9 excepting the capacity. Capacity 2½ gallons. Two feet hose, Auto-Spray Nozzle, carrying Strap, Auto-Pop Shutoff, 18-in. Extension Rod. Shipping Weight, 7 lbs. Postage extra.

No. 50 D Galvanized Steel Tank

Net Price, \$6.00

No. 50 B Brass Tank.

Net Price, \$9.00



Myers Compressed Air Sprayer

The Tank is made of heavy galvanized iron. The side walls are double seamed, riveted and soldered. Has 1¼ inch Brass Tube Cylinder.

Fig. 2415—No. 2296. 2½ Gallon galvanized tank, Compressed Air Sprayer. Net Price, \$5.25



Fig. 2415

Fig. 2416—No. 2297, 4¼ gallon, galvanized tank, Compressed Air Sprayer. Net Price, \$6.00



Fig. 2416

Myers Perfect Knapsack Spray Pump

Fitted with 5 ft. of ¾ inch hose, pipe extension and Bordeaux spray nozzle which can be graduated from a fine mist spray to a solid stream.

Fig. 1865—No. 330.

Net Price, \$12.50

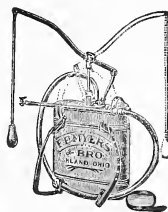


Fig. 1865

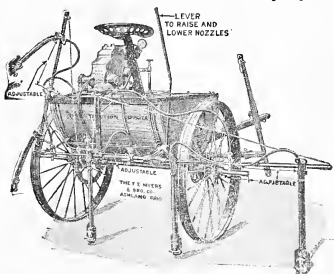
Lowell Streamer Sprayer

There is a large demand for a high-grade compressed air sprayer at a low price. To meet this demand, the Lowell Streamer is produced. No lack of Lowell Quality is found in the Streamer. It is built throughout of the best grade of material and by experienced workmen. Each sprayer is thoroughly tested and inspected.

No. 92. About 4 gallon galvanized tank, Compressed Air Sprayer. Net Price, \$4.00.



Myers Bulldozer Universal Sprayer



No. 1086. Myers Bulldozer Universal Sprayer. 125 gallon Cypress Tank, 2 H. P. gas engine, 4 row spray boom. Complete. Price, \$310.00.

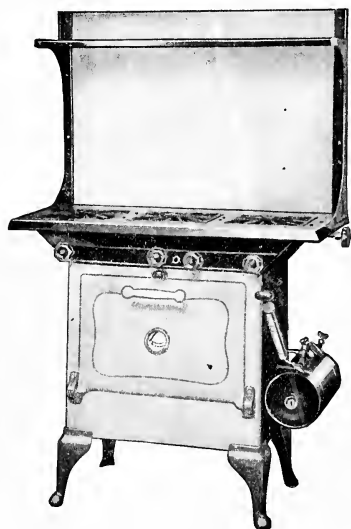
All Prices Subject to Change Without Notice



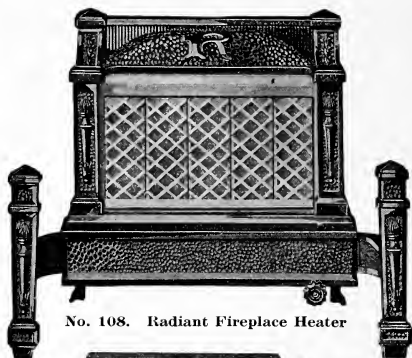
Reps Gasoline Stoves



No. 131. Utensil Cabinet with Hi-Shelf



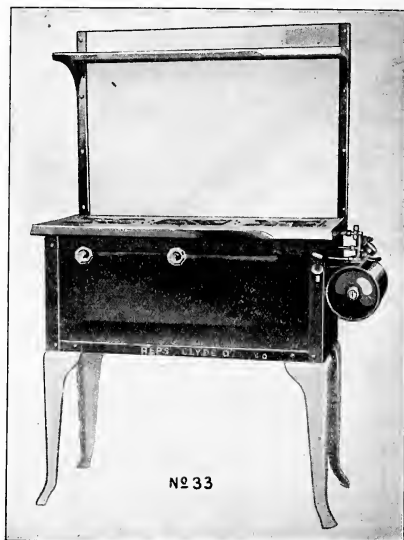
No. 3031. Low Oven Rangette
with No. 3 Hi-shelf



No. 108. Radiant Fireplace Heater



No. 20. 2 Burner Hot Plate

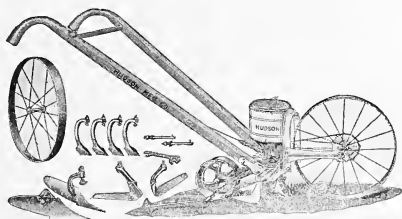


No. 331. 3 Burner Cook Stove
with Hi-shelf



Garden Cultivators and Seeders

Seeder and Single or Double Wheel Cultivator

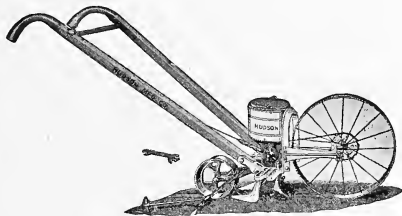


No. 201

The No. 201 Machine is a combination outfit which may be used as a hill or drill seeder, double or single wheel cultivator, plow or hoe, as conditions require. It has all the equipment to serve the gardener from the initial seeding, until final cultivation. It is readily converted from one use to another; the change from seeder to cultivator being accomplished by removing two red-headed bolts. One standard frame is used throughout.

As a seeder, this machine opens the furrow, drops the seed, closes the furrow, packs the earth, and marks the next row—all in one operation. The seed regulator is made entirely of brass, with openings die cut to insure absolute uniformity. This gives perfect control of the seed flow and insures a uniform drop. Sows all seeds from beans down to the finest garden variety, in continuous drills, or hills, 4, 6, 8, 10, 12 or 24 inches apart. Adjustments in furrow-opening shoe and furrow coverer permit planting at any depth up to 2 inches.

No. 201. Weight 60 lbs. Price.....\$17.00



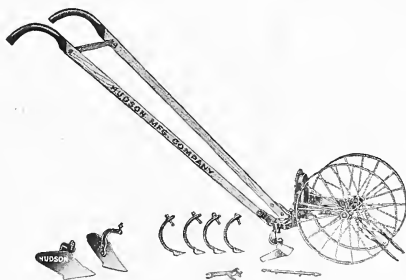
No. 205

The man who must do a great deal of seeding and do it repeatedly, requires a machine which is always set up and ready for use. He does not favor a combination machine such as our No. 201 described above.

To meet this demand we offer our No. 205 Hill and Drill Seeder. It will sow any kind of seed from beans down to the very finest of garden seed, either in drills, or in hills spaced from 4 to 24 inches apart. The brass seed regulator is absolutely accurate and control of the seed flow is 100% perfect.

No. 205. Hill and Drill Seeder only. Weight, 50 lbs
Price.....\$14.00

Double Wheel Cultivator



The No. 212 Cultivator may be used as a double wheel hoe, plow, or cultivator astride the row during early cultivation, and as a single wheel cultivator between the rows later. The angle steel arch is high enough to permit straddling until the plants are well grown.

Tool equipment is made of high grade steel, with surfaces polished and lacquered so as to scour in any soil. Cutting edges are sharpened to reduce friction. Mold-boards are curved to turn the earth cleanly. All shanks are malleable and unbreakable. Teeth are designed to thoroughly stir up the soil and give the plant roots plenty of air. Wheels are 16 inches high, with 1 1/4 inch tire. Handles are seasoned hardwood, with the easy plow-handle grip, and adjustable to height. Reinforced with steel cross brace which will not break or pull out. Standard steel frame and arch are used, so that seeder parts may be added if desired, making the complete No. 201 outfit.

No. 212. Weight 35 lbs. Price.....\$10.00



Garden Plow

The high wheel garden plow is a universal favorite with the truck farmer or gardener where the work is sufficient to justify separate machines for seeding and cultivating.

A 24 inch high wheel is used which makes traction very easy. Handles are of the right length and adjustable to height for the comfort of the operator. Frame work is of steel, giving great strength and rigidity without excessive weight. The Plow, double pointed shovel and sweep, are made of regular plow steel and are polished and lacquered. The cultivating attachment is made from malleable iron and is equipped with 5 removable steel teeth.

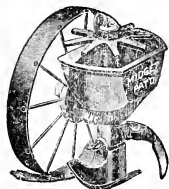
Standard Package—One in bundle, K. D.; weight about 22 lbs.

No. 320. Garden Plow. Price\$4.50

All Prices Subject to Change Without Notice



Most Popular Seeder Made



The MIDGET SEEDER will pay for itself in a short time, because it saves by sowing accurately. Sowing by hand wastes seed.

It is very easy to operate and drills almost any kind of garden seed from the smallest up to and including peas and beans.

The index is in plain view and easily adjusted. The shoe is adjustable for any depth desired, and the cover swings free.

The Midget opens the furrow, sows the seed and covers up, all in one operation.

It is sold with handle complete, or may be easily attached to almost any wheel cultivator. Hopper holds one pint. Weight 6 pounds.

No. 1 H with handle, Price.....\$4.50

Quick-Adjustable Cultivator

The TRUE TEMPER GENEVA, No. G2, is recognized everywhere as the only real quick-adjustable cultivator on the market.

It has a New Mulcher-Pulverizer, Weeding Hoe, a Plow and five Cultivator Teeth, all permanently attached to a revolving steel plate.

Any of these tools may be securely locked into working position by a few turns of the hand Wheel—a time and labor saver.

Machine has steel forged tools, well selected oak handles, with comfortable handle grips. It has 14-inch steel wheel and is finished in colors, then varnished. Weight 20 pounds.

No. G2, Price.....\$6.00

Champion No. 50F



Champion No. 50F has the popular braced steel Hook Frame and Oak plow-grip handles. It is handy and efficient, an extreme value among cultivators and cannot be matched at the price. The

steel wheels have steel bushed hubs, the handles are adjustable not only for the height of the operator but also for the set of the working tools.

The Moldboard Plow with Landside is properly designed and oil tempered, and will hill, plow or furrow.

The Reversible Sweep with four Cultivating Teeth and the Reversible Calf and Bull Tongue work perfectly and handle without difficulty, and are so carefully made that the machine runs easily and in perfect balance.

50F. Weight 20 lbs. Price.....\$3.50

Iron Age

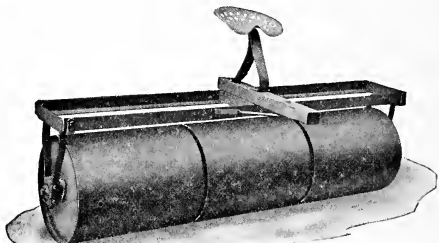
No. 19-C Iron Age Wheel Cultivator and Plow is a low-priced tool and will always be a convenience to have for many kinds of work.

It does the necessary plowing in many soils, opens furrows for seed or fertilizer and covers on the return trip. Shipping weight, 22 lbs. Price.....\$5.00



No. 19-C

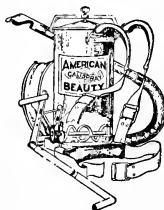
Steel Land Roller



Drums No. 12 gauge steel. Angle steel frame. 1 1/2 in. steel axle. Double seat spring. Hard wood, oil soaked bearing.

No. 106 1/2. 8 ft., 3 section, 24 in.

American Beauty Dust Sprayer



A one man sprayer. Easily and comfortably carried on the back. Easily operated by a convenient hand lever. Constructed of light-weight, rust-proof galvanized steel. Weighs only 18 pounds. Improved construction of working parts prevents clogging or waste. Powerful bellows drives dust in an unbroken, swirling cloud which covers foliage and allows no pest to escape.

American Beauty, Price\$18.00



A Complete Line of Good Farm Implements

There is a John Deere implement for practically every farming operation. Each carries the John Deere trade-mark, the best-known badge of quality in the implement world.

John Deere-Syracuse—1441 Series



walking plow. This series have steel wearing parts except the share, which is chilled.

No. 1442S cuts 5 to 7 in. deep and 10 to 13 in. wide. Weight, 150 lbs.

No. 1441S cuts 5 to 8 in. deep and 12 to 15 in. wide. Weight, 152 lbs.

For gritty or gravelly soils. Sloping landside prevents furrow wall from breaking or caving in. Moldboard has sufficient curve to pulverize in stubble land. Also works equally well in loam and turns sod perfectly. Rib in landside holds plow to its work. Steel beams—guaranteed not to bend or break. Shares and landsides chilled extra deep by special Syracuse process. Full horn share—a new cutting edge on the shin is obtained with each new share. Cuts 3 to 5 in. deep, 6 to 8 in. wide. One horse size. Weight 82 lbs.

Syracuse No. 31 Plow

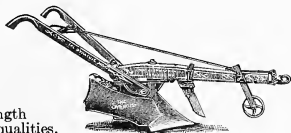


sloping land. This makes it an especially good plow for rolling land. Extra high, steel landside with a cast shoe. Handles adjustable. Cuts furrows 5 to 8 inches deep, 12 to 15 inches wide. Weight 113 lbs.

Syracuse No. 32 Plow

Cuts furrow 5 to 7½ inches deep, 10 to 13 inches wide. Weight 110 lbs.

Syracuse Diamond Swivel Plow



This type of Side Hill Plow has always been very popular in New England, being light, but still having great strength and good turning qualities.

Easy shifting clevis and also automatic shifting Coulters except on small size.

Furnished in three sizes:

Diamond A2, Medium, 2 Horse, Weight 130 lbs.

Diamond B2, Light, 2 Horse, Weight 126 lbs.

Diamond C2, Light, 1 Horse, Weight 85 lbs.

When you have plowing to do in hard, stubborn soil, you will appreciate the work of a John Deere-Syracuse No. 1441 series,

Syracuse No. 1466 Chilled Plow



John Deere-Syracuse No. 1 Contractors' Plow

Excellent for general grading purposes. Hard iron wearing parts. Extra heavy beam, share and strip. Steel wheel frame. Loop handle wear irons.

Wood or steel handles. Steel share can be furnished on repair orders. Will turn a furrow 5 to 9 inches deep, 12 to 15 inches wide. Cast moldboard and share. Two to four horses.



Syracuse No. 98 Contractors' Plow

Especially adapted for tearing up cobblestones or macadam pavement. Strongly built throughout. Adjustable and double reversible crucible handle wear irons.



steel point. Adjustable shoe. Loop Four to six horses.

Syracuse No. 99 Contractors' Plow



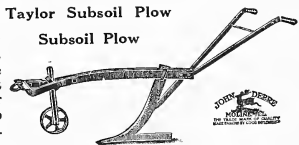
Heavy overlaid wrought steel share. Adjustable shoe. Loop handle wear iron. Four to eight horses.

For severe grading purposes in shale or hardpan. Slight turning capacity. Steel truss beam. Steel moldboard and landside. Separate shin piece.

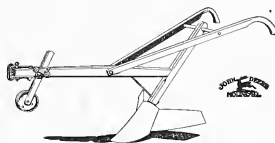
Taylor Subsoil Plow

Subsoil Plow

A valuable plow in sections subject to drouth or where subsoil does not permit water, air and roots to penetrate readily. Cuts a gash in bottom of furrow, permitting water to move downward and spread out.



John Deere—Syracuse Shovel Plow Wood Beam



ing potatoes and other light work.

No. 26 Wood beam with gauge wheel. Weight, 45 lbs.

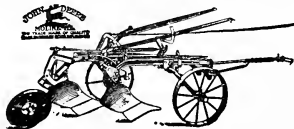
Blades and wings made of steel. Wings adjustable to throw more or less dirt. Especially adapted for hill-



HASKELL IMPLEMENT AND SEED CO. LEWISTON MAINE

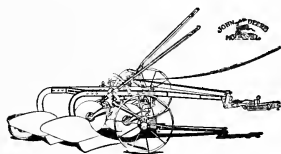


John Deere Tractor Plow No. 5



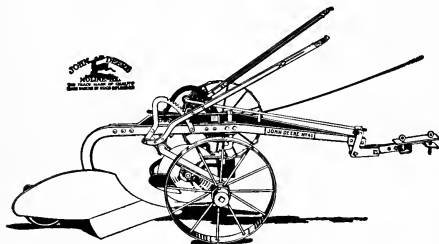
Strong, power-lift plows, equipped with genuine John Deere bottoms that scour, wear well and make good seed beds. Quick detachable shares—loosen one nut to remove share; tighten the same nut and share is on tight. Beams guaranteed not to bend or break. Stiff hitch adjustable to any make of tractor. Sizes—2-, 3- and 4-bottom.

No. 40C Tractor Plow



The lighter-draft two bottom tractor plow with the great draft - reducing combination of self-adjusting hitch and rolling landside. The hitch is always automatically right at all depths; the bottoms always run true and level, and all of the weight is wheel-carried; therefore, the "40" pulls exceptionally light. Special steel makes this light-weight plow a giant in strength. Beams guaranteed not to bend or break. Simple, positive power lift.

John Deere Tractor Plow No. 41



This plow is built especially for Fordson owners who require a single-furrow plow.

It is widely used in plowing extremely heavy soil: in plowing unusually hard ground, or in plowing unusually deep.

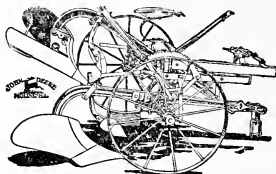
In such conditions, having the right hitch at all times is especially important.

The hitch of the No. 41 adjusts itself. This is a time-saving, work-improving, draft-reducing feature which every user of the No. 41 appreciates. Every plow for the Fordson needs it; only the John Deere plows for the Fordson have it.

Every time you adjust the plow for depth with the handy depth lever, the hitch adjusts itself up or down to the correct line of draft.

Thus, the hitch being always correct, the bottom always runs true and level. There is no "nosing in" or hopping out. At all depths, without any attention to the hitch adjustment by the operator, the bottom pulls light and does good work.

John Deere—Syracuse Two Way Sulky Plow ..With the Steel Frame and Auto Foot Frame Shift..



The John Deere—Syracuse No. 4 Sulky Plow represents the highest type of material and workmanship that it is possible to procure. The entire frame and beams are constructed entirely of high carbon steel, hence are very strong and durable.

The Auto Foot Frame Shift makes it possible to regulate the width of furrows with perfect accuracy when plowing around curves, in irregular fields, and on side-hills. By its use the team is relieved of all side strain.

Sizes

1342S-1442S

Medium Size

1341S-1441S

Large Size

Cuts

3 to 8 in. deep

12 to 16 in. wide

4 to 9 in. deep

14 to 18 in. wide

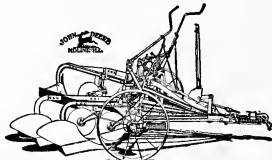
Fitted with either Joints, Hanging Cutters or Fin Cutters. Two or Three-Horse Eveners.

John Deere No. 4 Tractor Plow



Greater strength, more clearance in this new two-bottom tractor plow. Every vital part is built extra strong. Power lift. Cushion spring release hitch protects both plow and tractor.

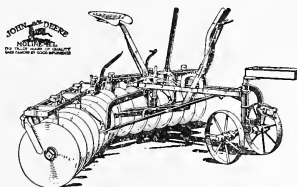
John Deere No. 2 Two-Way Tractor Plow



John Deere now offers you a new and distinctively different two-way plow—one that turns two furrows every trip across the field. It's the John Deere No. 2 Two-Bottom Two-way Tractor Plow.

John Deere Model "B" Disc Harrow

The Flexible, Third-Lever Harrow

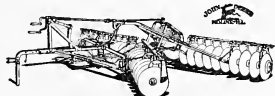


Each gang of the Model "B" can be given the proper angle to pulverize under difficult conditions, and can be given light pressure, by means of lever controlling powerful pressure spring and pivoted yoke, to go over ridges without burying harrow at its center; or heavy pressure to penetrate and pulverize in dead furrows and other depressions—no ground is skipped. Strong, all-steel frame; double-bar, riveted gang frames; oscillating scrapers and unusually convenient grease cups.

Rear gang and hitch can be furnished to convert this harrow into a double action, horse- or tractor-drawn harrow.

John Deere Model "L" Tractor Disc Harrow

With Yielding Lock Coupling



Exclusive yielding lock coupling, special aligning device and pivoted yoke with spring-pressure feature insure a better job of disking entire width of harrow under all field conditions with this harrow.

Yielding lock coupling locks on the straight-away, compelling rear gangs always to cut down ridges left by front discs; yields in turning—no trailing of discs—not skidding around corners.

A flexible harrow. Gangs follow the uneven surface of the ground because they work independently of each other. Either section can be angled from the tractor by means of convenient crank, without stopping or backing. Front gangs can be given light or heavy pressure, by means of a crank and powerful pressure spring.

John Deere Pony Tractor Disc Harrow



For use with any standard tractor. Front section, out-throw; rear section, in-throw—making seed bed level and thoroughly pulverized. Double-bar gang frames, unusually strong. Equipped with John Deere yielding lock coupling—rear gangs trail in proper manner—less strain on harrow—easier pull for tractor around corners. Oscillating scrapers.

Gravelly Garden Cultivator



Another outfit for heavier cultivating. Notice how the steels are in front, right where you can watch them.

With Five 2¼ in. Cultivating Steels. Gravelly Garden Tractor is adapted to large or small crops. Can go anywhere a man can walk. Very easy to handle and leaves the ground in good condition.

Folder and prices on request.

Champion Root Cutter

Will cut all kinds of roots either fine for sheep or much coarser for cattle.



Randolph Tractor Saw Rig

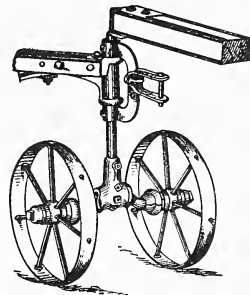
Made of selected air-dried hardwood, thoroughly braced, making a strong rig equal to the heavy duty when sawing heavy cord wood with a tractor. 1½ in. arbor, 6x6½ in. pulley. Will take circular saw up to 32 in. in diameter.

Deere Combination Tongue Truck

For Steel Stub Disc Harrow

The new Deere Combination Truck and Fore Carriage illustrated here with will fully meet the requirements of all disc harrow users. It is simple, strong and compact in construction. The wheels are solid steel with wide oval tires and with closed bearing boxes.

Can also furnish Tongue Truck to fit any make of Disc Harrow having a wood stub pole.



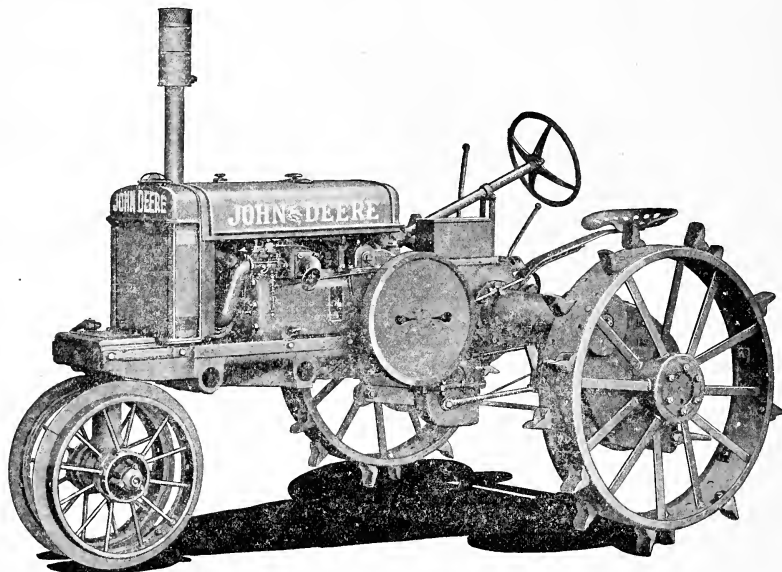
Improved Stone Boat Front



Many straight plank that he may have on the farm. All tools necessary are saw and bit.

This device enables the farmer to make a stone boat in one hour's time with ordinary straight plank that he may have on the farm. All tools necessary are saw and bit.

JOHN DEERE WIDE-TREAD GENERAL PURPOSE TRACTOR



Showing Flywheel Side of John Deere Wide-Tread General Purpose Tractor

This is the New John Deere General Purpose Wide-Tread Tractor built especially for potato and corn growers. No other general purpose tractor has ever been designed that fits in so perfectly with conditions in this territory.

The Work It Will Do—The John Deere General Purpose Wide-Tread Tractor is ideally fitted for all farm jobs within its power, including efficient, big-capacity operation in planting, cultivating, and digging potatoes. Cultivates two rows at a time at the rate of 20 to 30 acres a day. Will pull two-bottom plow (moldboard or disk), two-row planter with fertilizer attachment, two-row tractor drive digger, and six-row tractor power sprayer.

Power Lift—Fourth Power Outlet—This tractor supplies power at the drawbar and at the belt, it has a power take-off; but more than this, it has a power lift which starts operating by a touch of the foot, to lift or lower the special cultivating or hilling equipment. The power lift makes the John Deere a complete self-contained, mechanically-operated and controlled outfit.

Simple, Understandable, Practical—There is nothing complicated or hard to understand about this tractor and its equipment; no expert operator is required. With this power equipment on your farm, help will no longer be a problem, and in addition to this you can get your ground prepared and crop planted, cultivated, and harvested under favorable weather conditions for bigger yields.

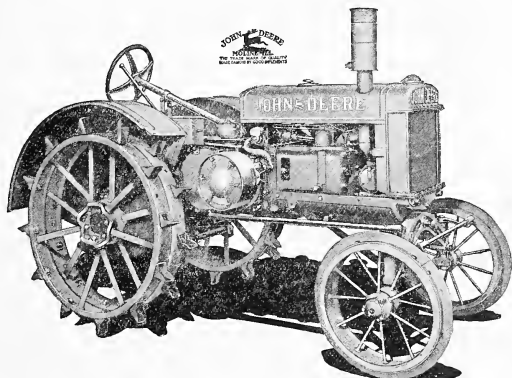
SPECIFICATIONS

HORSE POWER. Suitable for 2-14" plows, 22" threshers.
SPEEDS. Low, 2-¼; intermediate, 3; high, 4-½, reverse, 1-¾ MPH.
MOTOR. 950 R. P. M., 2-cylinder "L" head type horizontal.
CRANKSHAFT. 3" diameter drop-forged, long bearings.
CONNECTING ROD. Drop-forged, two-bolt type.
LUBRICATION. Force-feed, geared pump.
CARBURETOR. Double-nozzle type with air choker.
AIR CLEANER. Oil-filter type with vertical air stack.
IGNITION. High-tension magneto, with enclosed impulse starter.
COOLING. Tubular radiator, thermosiphon.
AIR FAN. Gear-driven, no belts.
GOVERNOR. Enclosed, fly-ball type.
CLUTCH. 10" dry disks, locking in and out.
BELT PULLEY. 13" diameter x 6-½" face, 950-R.P.M.
BELT SPEED. 3200 feet per minute.
TRANSMISSION. Spur gear, selective type, 3 speeds forward, speed reverse.
GEARS. Forged steel cut teeth and heat-treated.
FINAL DRIVE. Enclosed roller chains.
DRIVE AXLE. 2-½" diameter, high-carbon steel.
DRIVE WHEELS. 44" diameter x 8" face.
FRONT WHEELS. 24" diameter x 4" face.



JOHN DEERE GENERAL PURPOSE FARM TRACTOR

Greater
Earning
Power
on the
Farm



The Tractor
That Develops
More Power
With Less
Weight

John Deere General Purpose Farm Tractor

In no other farm tractor built can you find the combination of advantages found in the John Deere.

It contains the very improvements and refinements in tractor construction you have been looking for. It develops greater power with much less weight. The working parts are all enclosed and operate in an oil-tight, dust-proof case. All working parts are bathed in oil automatically. It is simple, compact, low to the ground. Easy to understand, operate and adjust.

A Light-Weight Tractor

The John Deere, developing 10 H. P. on the drawbar and 20 H. P. at the belt, weighs only 3,600 pounds. It will not pack the soil or mire down. This is an important point with every tractor user. The correct distribution of weight provides ample traction to handle loads up to its capacity. The center of gravity being low, gives the John Deere a decided advantage over the ordinary tractor.

Simple Adjustments Easily Made

The clutch brakes, drive chains, taper roller bearings on rear axle and front wheels and the carburetor, all can be adjusted quickly and accurately from the outside of tractor.

The John Deere GP-443 Two-Row Cultivator

is equipped with lever spring-teeth on the front rigs. Hillers, mounted on a specially-designed frame, are used at the rear. This outfit is designed for use in rows spaced 34 or 36 inches apart.

The power lift raises and lowers the working equipment—there are no levers to operate. This John Deere feature saves a great amount of hard work and speeds

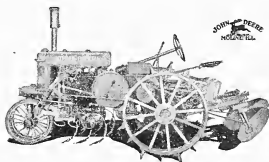
up the cultivating job because it is not necessary to stop the outfit at the ends of the rows.

The rigs can be raised high off the ground by the power lift and the outfit can be backed up. The differential brakes on the rear tractor wheels make short turning easy.

John Deere-Syracuse GP-5 Two-Row Potato Hoe

The John Deere-Syracuse GP-5 Two-Row Tractor Potato Hoe is a practical innovation in power farming equipment.

By its use in connection with the John Deere General Purpose Wide-Tread Tractor and GP-443 Two-Row Cultivator, a complete cultivating and hilling operation can be accomplished with speed and efficiency in a single trip through every two rows.

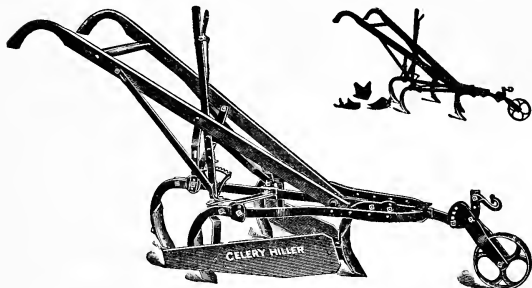


GP-443 Two-Row Cultivator—Spring Tooth, with No. 5 GP-5 Two-Row Potato Hoe

Row spacing 34 in. and 36 in., adjustable on front pipe. Spring tooth rigs in front, eleven teeth. Rigs are equipped with compression springs to insure penetration and control depth.



LITTLE GIANT WALKING CULTIVATORS



5 Tooth Little Giant with lever and gauge wheel. Price, \$8.00

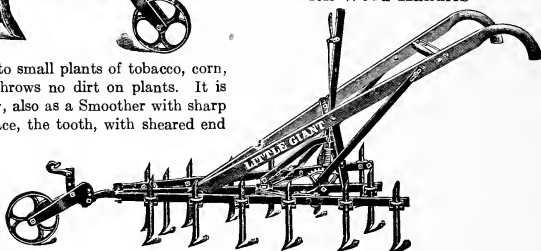
7 Tooth Little Giant with lever and gauge wheel. Price, \$9.00

Horse hoe cultivator for 5 or 7 tooth. Price, \$1.75

Celery hiller attachment for 5 or 7 tooth. Price, \$3.25

Little Giant Steel Walking Cultivator, 5 and 7 Tooth with Wood Handles

This tool is used for working very closely to small plants of tobacco, corn, potatoes, etc. It thoroughly pulverizes, but throws no dirt on plants. It is also used as a Straight Diamond Tooth Harrow, also as a Smoother with sharp points down in order to cut and level the surface, the tooth, with sheared end down, being less liable to injure young plants when smoothing over corn, potatoes, etc. For very close work every other tooth can be quickly removed. 14 Tooth Little Giant with lever and gauge wheel. Price, \$8.00



John Deere Steel Walking Cultivators

Deere Steel 14 Tooth Cultivator



5 Tooth Steel Cultivator

No. 306. 5 Tooth with lever and gauge wheel.

Because of the steel and malleable construction these Cultivators are very durable and free from breakage. Furnished with Horse Hoers or Long Hillers.

Price, \$8.00

Same high-grade construction as the 5 tooth and having two more teeth.



7 Tooth Steel Cultivator

No. 314. 7 tooth with lever and gauge wheel.

Price, \$9.25

Horse Hoe Attachment, for 5 or 7 tooth..... 1.75
Long Hiller Attachment, for 5 or 7 tooth..... 3.75



No. 320. 14 Tooth lever and gauge wheel. Price, \$8.00

Deere Handy Farm Mixer

It will mix Concrete, Fertilizer, Stock and Chicken Feed. It will wash Potatoes, Beets and other root crops. Every farm owner has ideas of improving his farm, increasing its value not only by increased fertility of the soil, but also by the addition of permanent farm structures. Concrete forms the cheapest and best foundation for all improvements.

Especially adapted for use in corn and small plants. Stirs the dirt thoroughly but does not throw dirt on plant. Fitted with steel reversible teeth.



All Metal Construction

Steel and iron are the materials that make the Handy Mixer. Simple Gear Drive. Sturdy, powerful gear-drive construction. Drum 22 in. diameter, 21 in. deep, 17 in. opening. Capacity, wheelbarrow load. Weight, 180 lbs.

NEW JOHN DEERE

**The Low-Down Spreader with the Beater on the Axle
and the Box-Roll Turn, Narrow Type—
Tight Bottom**



The easy-loading feature on the New John Deere Spreader is one of its important advantages. The low box does

away with high pitching, the hard part of loading; it saves work.

The beater on the axle, which permits lowering the rear end of the box, because the axle is not underneath it. In accomplishing this desired result, it has not been necessary to reduce the height of the drive wheels, neither is it necessary to throw the manure over the drive wheels in loading.

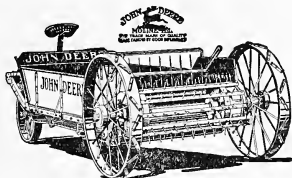
The Box-Roll Turn, which permits short turning without cutting the front wheels under the box, gives you a box that is exceptionally low and easy to fill.

Don't forget, the New John Deere Spreader is the only spreader built that has the beater on the axle and the box-roll turn. Both are exclusive features which are of real value to you.

Roller-bearing equipment at both ends of all three beaters reduces draft and wear at these important points.

A tapered box—wider at the rear—does away with friction between manure and box sides as the load moves toward the beaters.

John Deere Manure and Straw Spreader The Spreader with the Beater on the Axle



The Low-Down Spreader with the High Drive Wheels

Easier on the Man. Only 36 inches to the top of box—6 to 10 inches lower than other spreaders—a big time- and labor-saving feature.

Easier on the Horses. The high wheels on this spreader, from 4 to 8 inches higher than used on other spreaders, give it a light-draft advantage.

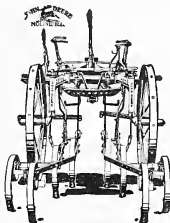
The load of manure, which in itself weighs a ton on the average, is moved back to the beater on an apron which runs on many rollers—the load is not dragged.

The location of the beater in relation to the apron is such that the teeth engage the manure as it is fed to them in practically a horizontal position—they do not work against the load as it moves backward.

Does a Better Job of Spreading. You can load the John Deere just right for the most effective spreading—flat on top and from the front to the rear.

John Deere K H Riding Cultivator

177—8 Shovel Spring Tooth



When you are in the field with the John Deere K H Cultivator, you are equipped for clean cultivation in rows of any width from 30 to 48 inches.

Balances Perfectly

With the master lever, you raise or lower both rigs. When the rigs are raised for turning, the cultivator is perfectly balanced. The pole does not fly up. When you lower the rigs by releasing

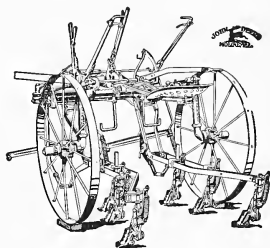
the master lever, all shovels enter the ground level.

Full Width Cut, Always

The rigs shift parallel. That means that the sweeps or shovels on both rigs always point straight ahead in the direction in which the cultivator is travelling and cut out full width of the rigs.

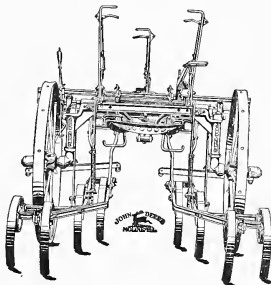
Shovels Penetrate Hard Soil

The hitch of the K H is of the drop, or pendant, style; pull of the team is directly on the rigs, thus bringing the draft in the proper place for penetration.



176—8 Shovel Spring Trip

John Deere K L Riding Cultivator



KL177—8 Shovel Spring Tooth

With the K L you can do the same good job of cultivating in rows varying from 30 to 48 inches wide. The wide adjustment is made by shifting the wheels and the frame in and out—a simple, easy job. Descriptive folder will give full details.

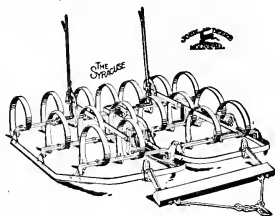
All Prices Subject to Change Without Notice



HASKELL IMPLEMENT AND SEED CO. LEWISTON MAINE



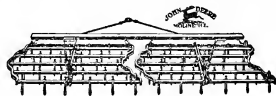
Spring Tooth Harrows



This harrow's sharp-pointed penetrating teeth work the seed bed from the bottom to the top. They tear out underground roots, stems and weeds, bringing them to the surface, mix and fine the seed bed. Non-clogging. Any number of sections can be combined. Reversible levers for use at front of harrow and tractor hitch for easy operation with tractor.

15 Tooth, two horse.....	\$23.00
17 Tooth, two horse.....	24.50
10 Tooth, one horse, top handles.....	19.50
10 Tooth, one horse, less handles.....	16.00
9 Tooth, one horse, less handles.....	15.50

Deere Universal Spike Tooth Harrow

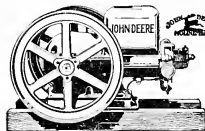


Made of steel throughout which gives strength without useless weight. The lever allows the teeth to be angled in any desired position and is also provided with a spring trip, allowing the teeth to give in stony or rooty ground.

One Section, 30 Teeth, One Horse.....	\$11.00
Two Sections, 60 Teeth, Two Horse.....	\$22.00

John Deere Type E Gasoline Engine

The Enclosed Engine that Oils Itself



The John Deere Type E puts the farm engine now on the same high plane in design and construction with other modern power machinery.

The complete enclosure of its operating parts and its automatic oiling

system, while outstanding features, are but two of the many improvements that make it a profitable investment for every farmer.

Type E engines are built in three sizes. 1½ H. P. furnished with Magneto or Battery Equipment. 3 H. P. and 6 H. P. with Magneto only.

King of the Corn Field Planter



This Corn Planter has been for years one of the leading machines for planting corn, beans, peas, beets and other seeds used throughout this territory. It is equipped with fertilizer distributor, and is perfectly adapted to all requirements of this section. It can be arranged to drop any desired quantity of seed or fertilizer; can also be used for planting corn and beans at the same time, dropping each kind of seed in rotation.

The Automatic Hand Corn Planter

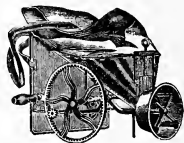
In the Automatic Corn Planter are Combined all the latest and best improvements

yet made in implements of this character. In this planter the seed is delivered from the dropper to the receptacle at the bottom, which, when opened by pressing over on the foot, leaves it at once at the depth required, avoiding the trouble found with all hand planters that deliver the seed direct from the dropper to the soil. It also has a most convenient attachment for regulating the depth of planting; this can be raised or lowered in a moment and insures delivery of seed at precisely the depth required, whether the soil be hard or mellow.



Cahoon Seed Sower

Will sow all kinds of grass and grain seeds from four to eight acres per hour at a common walking gait. Heavy seeds, such as wheat, it will throw 40 feet (20 feet each side of the operator); lighter seeds, of course, will not be thrown so far. Price, \$5.00; Postpaid, \$5.15



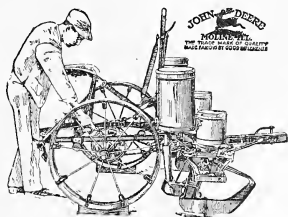
Cyclone Seed Sower

This sower is guaranteed to distribute all grass seeds and grains perfectly even and directly to the land. Sows grass seed from 18 to 20 feet and grains a longer distance.

Price, \$2.25; Postpaid, \$2.40

All Prices Subject to Change Without Notice

John Deere No. 999 Corn Planter



No. 999 with Fertilizer

Equipped with John Deere Natural Cell-Fill, edge-delivery seed plates—a dropping device just as accurate as the human hand.

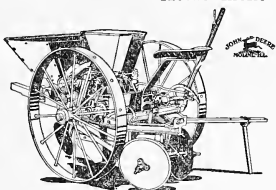
Variable-Drop Device—a great feature—enables you instantly to change the drop to meet varying conditions of soil in the same field. By merely shifting a foot lever, without leaving the seat or even stopping the team, you can change the drop to two, three or four kernels per hill—always the exact number desired.

999 Fertilizer Attachment

Fertilizer attachment handles any standard fertilizer, any quantity up to 700 pounds per acre.

Fertilizer can be checked with each hill of corn or drilled along the row while corn is being checked.

Hoover Visible Potato Planter with Fertilizer Attachment



The Hoover is noted for its accuracy in dropping potatoes. Agitator in hopper prevents potatoes from bridging. Hopper holds $2\frac{1}{2}$ bushels. Positive feed wheel elevates potatoes to the picking chamber. Speed of this wheel is easily con-

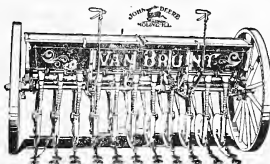
trolled to keep the right amount of seed in the picking chamber; picking chamber concaves hold seed properly for the pickers. Adjusting springs give the right pressure on the seed to get best results.

VAN BRUNT FERTILIZER DISC DRILL

Light Weight Light Draft Force Feed
Spring Pressure Large Capacity

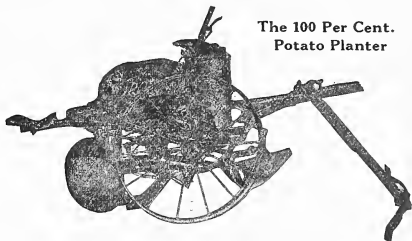
Even Seeding in Furrows of Uniform Depth. No Ground or Seed Wasted.

The drill that puts any seed, from alfalfa to bearded oats, at the bottom of furrows of even depth, without choking up and failing to sow part of the field or planting too much in other parts. All grain is ready for harvest at one time. Any standard fertilizer is handled by the Van Brunt just as accurately as seed **Send for Booklet.**



Improved Robbins' Potato Planter

The 100 Per Cent. Potato Planter

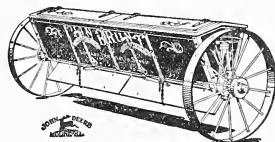


It is results that count in potato culture—the net return in dollars and cents. At the same time there is a lot of satisfaction in a clean field with straight rows and **every hill planted**. It is the sign of a practical farmer. The right start is half the race and here it is—an automatic

machine planter that places every seed piece exactly as you want it

without a misu or a double and without injury. The result is, every hill planted at the right depth, the right distance apart and covered level or ridged. Has a very positive and successful fertilizer attachment that will handle all kinds of commercial fertilizers.

Van Brunt Lime and Fertilizer Sower with Oscillating Agitator

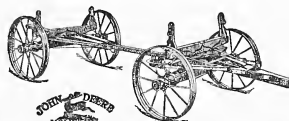


The Van Brunt Lime and Fertilizer Sower is built in the standard size to cover eight feet of ground, with a carrying capacity of ten bushels. For strength, durability and simplicity it is unexcelled.

This sower has 36-inch steel wheels with staggered spokes, heavy wide rims, removable dust-proof boxings, and compression grease cups with chilled wheel bearings.

The hopper is exceptionally strong, of selected well-seasoned matched lumber; steel ends with angle steel corners, thoroughly braced; close-fitting covers and removable screens. **Send for Booklet.**

John Deere Farm Trucks

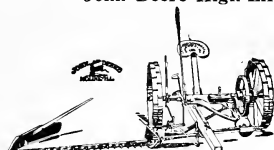


In price, strength, draft and finish, John Deere farm trucks give exceptional satisfaction. They stand hard usage year after year because they are built

right and in a factory that has an established reputation for making only the best wagons and trucks. The same careful workmanship and the same well-seasoned, selected oak and hickory are used in their construction as are used in the famous John Deere Farm Wagons. We can furnish trucks with either wood or steel wheels, in various styles.



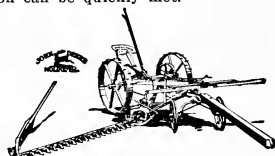
John Deere High-Lift Mower



No. 2 Mower, 5, 6 and 7 ft. cut

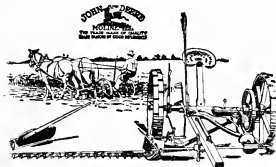
will appreciate the quickness and every field condition can be quickly met.

Its durable and simple construction; the ease with which adjustments can be made to keep it in good running order; the ease with which repairs can be made—these qualities too, built into this light-draft, high-lift mower, will prove your good judgment in your selection.



No. 2 Mower with Tongue Truck

Powerful cutting mower—compensating drive gears—set offsets thrust of other set—eliminates side wear and insures maximum power. High lift with foot lever and extra high lift with foot and hand lever combined. Flexible cutter car. Easy to keep in perfect cutting order.

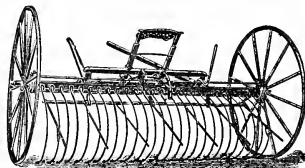


John Deere Self-Dump Sulky Rake

A rake you can keep in good running order for years. Important working parts interchangeable, reversible or adjustable, giving extra wear with no repair expense. Arched steel axles give wheels proper pitch and gather at all times. Foot trip secures instant dumping.

Made in 8-, 9-, 10- and 12-Foot Widths.

New York Champion Wood Rake



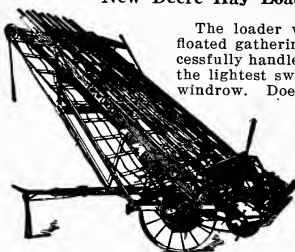
to our customers who do not desire a steel rake.

When you get on the seat of the John Deere Mower the first outstanding feature you will notice is its high, easy lift with either foot or hand lever. You ease with which

Powerful cutting mower—compensating drive gears—set offsets thrust of other set—eliminates side wear and insures maximum power. High lift with foot lever and extra high lift with foot and hand lever combined. Flexible cutter car. Easy to keep in perfect cutting order.

For years the New York Rake has been the best known and most successful wood rake in this locality. We would certainly recommend the above

New Deere Hay Loader



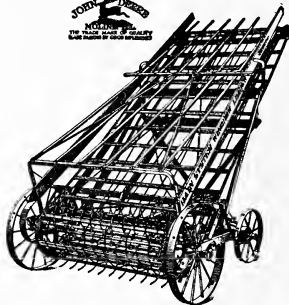
The loader with the flexible floated gathering cylinder. Successfully handles anything from the lightest swath to heaviest windrow. Does not dig into

the ground surface, but rakes the ground clean and gathers no trash. A steady stream of hay is put onto the wagon without damaging the hay. The

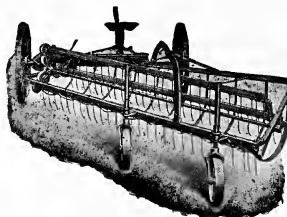
New Deere automatically adjusts itself to any amount of hay. Wheelbarrow mount prevents sagging and spreading. Automatic hitch and your ability to unhitch from top of load are additional advantages.

John Deere-Dain System Windrow Hay Loader

Especially adapted to handling hay aired in the windrow. Good capacity and good work. Handles alfalfa, clover, beans and similar tender hay without loss of leaves. Only one cylinder—lighter than a double-cylinder loader. Drum is mounted on the axle. Especially adapted to hilly countries because of very light draft. Pivoted front truck makes handling easy—a boy can do it. Large expansible throat openings and slow speed of raking teeth prevent beating and threshing hay. Rakes only clean hay, because it has flexible teeth, and the hay is placed in the center of the wagon.



John Deere-Dain System Rake



Cure hay nature's way with the John Deere-Dain System Rake. Preserve its natural color and richness of foliage. You can follow the mower closely with this rake. The steady motion of the curved teeth

throws the hay into loose, fluffy windrows, through which the air readily passes. It does the work without damaging the hay. The inclined frame gives increased capacity at point where volume of hay handled is greatest. All adjustments can be made from the seat with the rake in motion.

When you buy **NIAGARA DUST** and **DUSTERS** you buy Protection

Niagara Blower
Dust Gun—Simple—Easily
Operated—Most Effective.



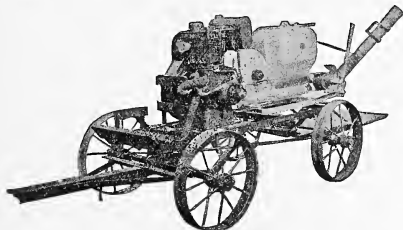
The ideal dusting machine
for small acreages, estates
and greenhouses.

Niagara Blower Dust Gun Single Row Attachment
Niagara Blower Dust Gun with Two Row "Y"
Attachment



Niagara "Kolo" Dusting Materials—The new exclusive Niagara Dusts that "Stick through wind and rain"—have toxic properties unapproached by any other sulphur dusts.

Niagara Model F Fruit Duster complete with 5 H. P. New Way Engine and Special Orchard Truck.



Fruit Duster

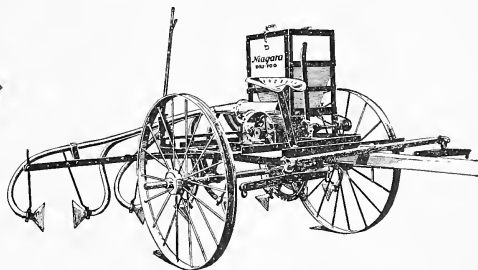
Niagara Kolodust—the new exclusive Niagara Fungicide used to control diseases of tree and bush fruits.

Niagara Model F Orchard Duster mounted on a special cross reach orchard truck, powered by a 5 H. P. New Way Engine is the best insurance a fruit grower can have that he will get in and over his orchard on time to control insects and diseases.

DUSTING POTATOES AND TRUCK CROPS

Niagara Copper Lime Dusts are the standard of perfection—"mechanically correct—scientifically accurate."

Niagara Kolotex—The new exclusive Niagara fungicide and insecticide dust used to control both diseases and externally chewing insects on tree and bush fruits.



Crop Duster

The new Niagara Dri-Fog Crop Duster will dust 3 to 3½ acres of potatoes or other row crops per hour, covering completely the upper and under surfaces of the plants, delivering dust at the rate of 5 to 100 pounds per acre.



Niagara Plunger Gun for the home garden.



Orders are placed in advance of the season.

Niagara D-25 Dust—fungicide only, used to control blight of potatoes and some other diseases of truck crops. Packed in metal air tight containers.

Niagara Calcium Arsenate—The cheapest and most effective poison that can be purchased in the trade today. Find out all about this poison before you buy. Price on demand.

Niagara D-18 Dust—Fungicide and insecticide, used to control blight of potatoes, etc., also containing poison to kill potato bugs and other externally chewing insects.

Niagara A-1 Nicotine Dust will control aphid, leaf-hopper and other sucking insects of ground crops and fruit crops.

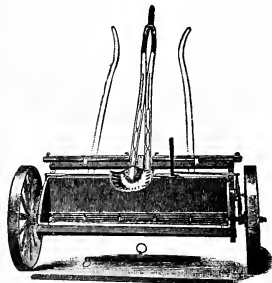
Niagara P. A. Nicotine Dust. Used in place of A1 where a stronger nicotine content is desired. Recommended especially for peas.

Niagara Arsenate of Lead is still the standard for comparison.

These two poisons are the standards by which other poisons are judged. They may be used in combination with Lime-Sulphur, Bordeaux Mixture and oil sprays like Emulso. We are not offering you a price because the price on these commodities fluctuates from day to day. When you are ready to buy, we shall be pleased to give you quotations.



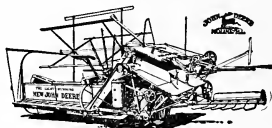
Stevens Fertilizer Sower



This sower combines strength, simplicity and durability. Will sow all kinds of fertilizers either broadcast or in rows. Equipped with long gauge, giving approximately a mount sowed per acre.

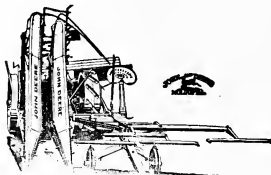
Size, 8 ft.; capacity, 9 bu.; weight, 540 lbs.

John Deere Grain Binder



Lasts longer, costs less to operate and does better work. Extra strong, rigid platform. Widely overlapped main frame, hot-riveted together equipped with self-aligning bearings. Knotter has case-hardened wearing parts. Outer reel support. An easily operated and adjusted bundle carrier. Equipped with all-steel, quick-turn tongue truck that takes neck weight and side draft from horses. A light-draft, easily-operated binder.

John Deere Corn Binder



The binder with quick-turn tongue truck. Quick-turn tongue truck takes off neck weight and permits quick and easy turning at ends. All important parts are equipped with roller bearings. A light-draft and long-lived machine.

The New "Bufco" Forge with 18 in.-22 in. Hearth



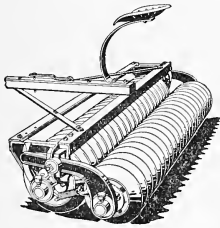
The advantages of the hand-crank blower over the old lever and wheel types are well known. Until the perfection of the "Bufco" blower, however, the cost of the crank type has often been prohibitive.

The new "Bufco" has smoothed out the difficulties. It is a small blower of new design with a gear ratio of 36 to 1, steel spur gears throughout, a one-piece gear case, which is oil and dust tight, and a 5½ inch straight blade fan in a 7½ inch fan case. The fan is made of sheet steel, and is powerful enough to furnish a strong blast with little effort.

The old agricultural type forge will soon be obsolete, now that the "Bufco" can be had in the following:

"Bufco" 061, 18 in. diameter of Hearth, Shield type of hood, 85 lbs. shipping weight. **Price, \$12.50**

Brillion Soil Pulverizer and Packer



This implement crushes, pulverizes and packs the soil so that moisture is conserved, germination hastened — soil-blowing and washing are prevented and weeds killed. Strong steel frame; V-shaped or tooth wheel sections; self-aligning roller bearings. Steel axles. Various styles and sizes for either horses or tractor.

The Sharples Suction-Feed Tubular Cream Separator

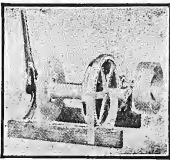
Since the beginning of the centrifugal separator, its one great province has been to save. Save cream, save butterfat, save the warmth, freshness and value of skim-milk, save labor, save quality of produce, always saving. What it saves is its value. It has no other value.

The Sharples Suction Feed Separator is the only one which automatically adjusts the flow of milk to the separating force. It simply sucks in enough milk so that the speed of the bowl can take care of it. In this way, it makes little difference whether you turn the crank under speed or above speed, you will always get a dead clean skim. Just set the cream screw and the cream will contain exactly the same percentage of butterfat.

There are many other advantages in using the Sharples. The supply can, for instance, is only 24 inches above the floor, so that it is easy to fill from the milk can. The Tubular bowl contains no discs or

The Ireland Geared Hoist

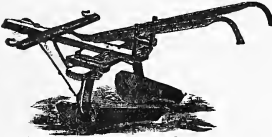
A powerful machine that saves time and labor in storing hay and in other hoisting. Used in connection with harpoon fork or sling. Attach it to your own engine. Safe and easy to operate. Instant control.



Type C—Single Drum With Brake

Type C has level automatic brake rim on drum, which automatically engages with adjustable brake locks, thus holding load at any desired point, without attention. Brake may be rendered inoperative so drum may turn freely.

Hisco Wing Potato Hoe Two-Piece Wings



There has always been a large demand for a Wing Potato Hoe of this type. They are constructed of the best material and are invariably satisfactory to our

customers. They are fitted with an adjustable extension on the wings which is a decided advantage.
Price \$12.50

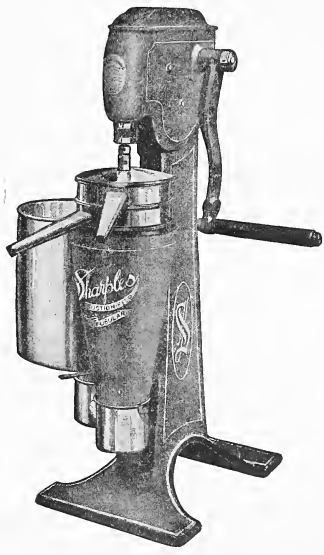
Hisco Disc Potato Hoe



A great many persons prefer the disc type of hoe in preference to the wing. Standards are movable on crossbar to allow spacing of disc.

Equipped with 20-inch disc.
Price \$14.50

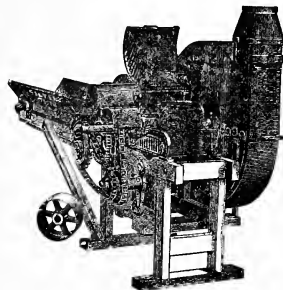
....All Prices Subject To Change Without Notice



other contrivances which are hard to wash and hard to keep clean. The Sharples is easy to turn, because you can adjust the speed according to your strength.



Silver's "Ohio" Light Draft Silo Fillers with Suction Blower



Direct Drive. Drive pulley, cutting cylinder and fan wheel all on main shaft utilizes every ounce of power.

Patented Friction Reverse. By the use of a single lever all moving parts except knife cylinder, can be instantly stopped, started or reversed without the slightest strain. Not a gear tooth changes mesh in reversing.

Accessibility. Knives and cutter bar can be readily removed for sharpening or replacement without disturbing other parts.

Special Features of No. 40, No. 60 and No. 90

No. 40—Ohio Blower with traveling feed table; with 9-inch throat, two knives and curved elbow for top of pipe, not mounted. Weight, 790 lbs.

No. 60—Ohio Blower with traveling feed table; with 11-inch throat, two knives and curved elbow for top of pipe, not mounted. Weight, 835 lbs.

No. 90—Ohio Blower with traveling feed table; with 13-inch throat, two knives and curved elbow for top of pipe, not mounted. Weight, 900 lbs.

"Buffalo" No. 611 Ball Bearing Drill



The frame of this drill is strongly ribbed and will withstand extremely rough handling.

Shaft and spindle of steel, extra heavy and carefully finished.

Bearings are bored and reamed in the solid metal of the frame. This insures smooth, easy running.

Gears are carefully made and fitted. Has hand and automatic feeds.

A round, slotted table is provided, which can be adjusted to any position—up, down or sideways.

SPECIFICATIONS

Drills to center of 11 inch circle; drills holes up to $\frac{3}{4}$ inch; spindle diameter $\frac{3}{8}$ inch; run of feed 3 inch; run of table 9 inch; length over all 33 inches; shipping weight 63 lbs.

Spindle drilled for $\frac{1}{2}$ -inch straight shank bit. On special order, furnished also for $\frac{3}{8}$ or $\frac{1}{4}$ -inch. **Price, \$12.00**

Ohio "Rapid" Root Cutter and Pulper

The knives are double-edged and reversible, one being straight, for slicing, the other edge being grooved, thus dividing it into separate bits for pulping.

Capacity—Capacity per hour, slicing or pulping, hand, 30 bushels; power, 125 bushels.

Pulley—Size of pulley for power, 10 x 4 in. Weight, 215 lbs.

No. 832 Root Cutter and Pulper, 6 knives, for hand or power.....**\$25.00**



Ohio Lever Cutter



The "Ohio" Lever Cutter will cut hay, straw, corn stalks and every kind of feed. It is equipped with one 11-in. oil-tempered knife; also provided with a guard plate, adjustable to vary the lengths of cut.

No. 778 "Ohio" Lever Cutter, weight 55 lbs.

\$6.00

No. 778

Pony Hand Feed Cutter

The Pony Cutter, as illustrated below, is strictly a hand machine.

A bushel of hay can be cut in thirty-five seconds. Cuts all kinds of feed. Only high-grade material is used, and makes it a strong and efficient cutter.

No. 783. One 11 $\frac{1}{4}$ in. knife cut $\frac{1}{2}$ to 2 in. Weight 165 lbs.

\$23.00



No. 783

Steel Road Scrapers



They are shaped cold from a single piece of steel lapped and riveted at the corners. They are uniform in thickness throughout except at the corners, where they are of double thickness.

No. 0. Capacity 9 cubic feet, weight 150 lbs.

No. 1. Capacity 7 cubic feet of earth, weight 98 lbs.

No. 2. Capacity 5 cubic feet of earth, weight 90 lbs.



Dowflake Calcium Chloride



Dowflake is a perfected form of Calcium Chloride, is white in appearance and resembles common salt, except that it is in the form of flakes rather than small granules. It has the property of absorbing from the air and holding three times its own weight in moisture.

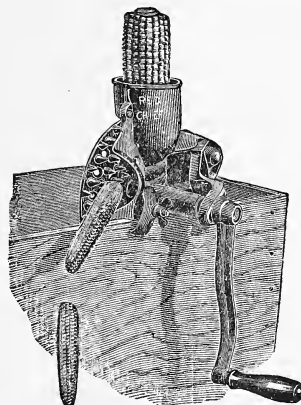
Dowflake is an efficient dust preventive and road binder.

Packed in 100 lb. moisture proof bags and 350 lb. metal drums.

Write for prices.

Improved "Red Chief" Hand Corn Sheller

Is Guaranteed to do as Good, if not Better Work, than any other Sheller on the Market



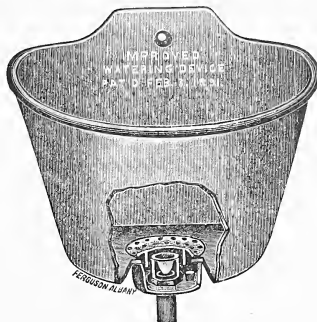
per, which makes sheller run very easy, no force being required to expand a hopper.

Has patent oval shaped teeth shelling the corn without cracking the grains. Only sheller safe to use for shelling seed corn. Throws the cobs outside every time. Clamps on barrel or box. Closed hopper, making it impossible to pinch hands. Requires no wrench. Tension directly on cob, not on hopper.

Price, \$4.00

All Prices Subject to Change Without Notice

Buckley Watering Device



No. 3 Stanchion Basin

Gravity System Illustration shows the general application of this system, but brief description will be necessary to demonstrate its importance, usefulness and simplicity. On application we will mail descriptive catalogue with testimonials.

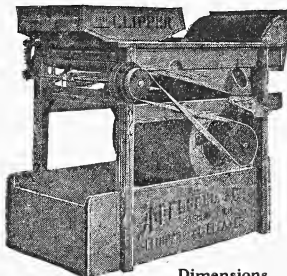
Hudson Steel Water Bowl

No. 99 pressed steel Water Bowl is made of 14 gauge steel, formed with a heavy rolled rim and galvanized afterwards. Size 4½ in. deep, 10 in. across the top. Valve is easily and quickly removable. Weight, 6½ lbs.



No. 99

NEW NO. 1-B CLIPPER GRAIN, SEED AND BEAN CLEANER



Capacity

Wheat and other grain, 20 bushels per hour.

Clover and other seed, 10 bushels per hour.

Screen length including spreading board, 29 in.

Screens 19 in. wide, 22½ in. long.

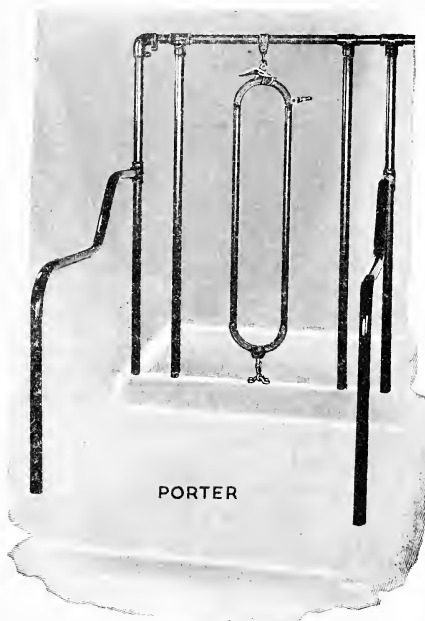
Dimensions

Length.....	4 ft. 8 in.
Width.....	2 ft. 2 in.
Height.....	3 ft. 8 in.
Shipping weight, 185 lbs.	

Write for complete descriptive folder and prices



Porter Cow Stalls



PORTER

Fig. 604—Cow Stall as fitted for cement floor.

Porter cow stalls are designed for the man who is dairying for a profit. Containing only the best of materials for the purpose and being free of frills and adjustable attachments, these stalls are made for permanent installation and there is practically no maintenance expense.

All tubing is 1½ inches O. D. high carbon steel and the fittings are of certified malleable. Standard width, 3 ft. 6 in. Furnished with fig. 15 stanchion.

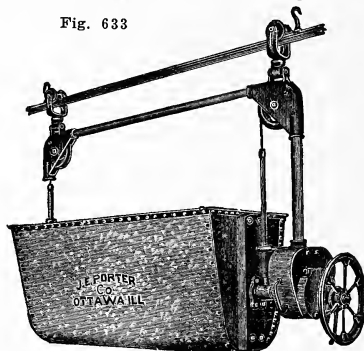


Fig. 672 Stanchion Anchor for Wood Curb.

Porter Litter Carrier

The Porter Geared Hoist Litter Carrier, Fig. 633, is the only litter carrier on the market made with geared hoist and is an exclusive Porter product.

Fig. 633

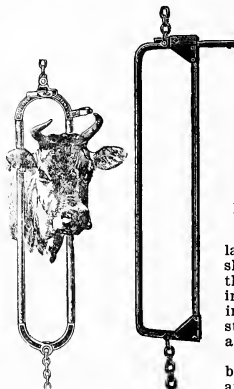


It has numerous exclusive features. Simplicity in design and operation means that there is no maintenance expense, and installation is both practical and reliable. The proper gear ratio enables the load to be elevated readily without sacrificing speed.

Hopper is made of 20 gauge galvanized steel. Width, 24 in.; depth, 22 in.; length, 48 in. Capacity, 10 bushels.



Porter Columbian Track



No. 15

No. 884



Fig. 124
Hanger

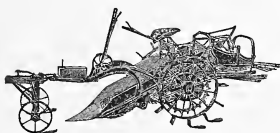
Porter Cow Stanchions

No. 15 is made of Tubular steel and there are no sharp corners to injure the animal's neck. The inside width is about 7¼ in., which adapts this stanchion for practically all breeds of cattle.

No. 884 is made of U bar steel, light in weight and adjustable.



John Deere-Hoover Potato Digger



The name of Hoover on potato machinery has been a symbol of quality for many years. Linked with the name John Deere, the combination is one that carries even greater prestige. The Hoover line of potato machinery now has behind it the strength of the John Deere organization, makers of quality farm implements for nearly a century.

John Deere-Hoover Potato Diggers have exclusive features which enable them to deliver the crop in better condition, run lighter, last longer and operate more efficiently under all conditions.

Do Not Damage Potatoes

The rod type of elevator made of manganese steel elevates the potatoes without rolling and bruising them. The elevator is of original Hoover design with the links alternately raised and lowered. This tends to lighten the draft, prolongs the life of the digger, removes the dirt to best advantage, and leaves the potatoes in better condition.

Yukon Feed Cooker and Water Heater



The boiler of our Yukon Feed Cooker is made from heavy 16-gauge blue annealed steel. All joints and seams securely welded and tested. The boiler is furnished with four heavy handles on sides. This is a very desirable feature as the feed can be carried to the stock.

The boiler sets down one inch on the inside of the furnace which makes it impossible to get out of position.

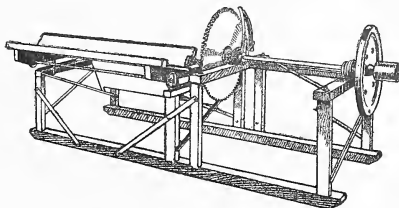
The body forming the fire box of the cooker is also made of 16-gauge blue annealed steel. The grate is furnished so that either wood or coal can be used.

The fire door is large enough to admit chunks 10 in. square. Furnace sits on legs like a stove, making it perfectly safe to use in a building; burns cobs, wood or coal.

No.	Capacity Gallons	Width Inches	Length Inches	Depth Inches	Weight Comp.	Price
240W	40	22	30	14	210	\$21.50

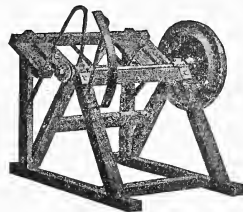
One joint of 6 in. pipe and elbow furnished with each cooker.

Gray Farrow Saw Table



Send for Circular and Price

Improved Wood and Pole Saw Frames



Tilting Table Wood Saw Frame

Prices of Tables Without Saws	
Tilting Table Wood Saw	\$25.00
Tilting Table Wood Saw with Pole Extension	27.75
Tilting Table Pole Saw	35.50
Tilting Table Wood Saw Irons	19.25

Jones Circular Saws

20-inch, set and sharpened	\$3.50
24-inch, set and sharpened	4.75
26-inch, set and sharpened	5.35
28-inch, set and sharpened	6.25
30-inch, set and sharpened	7.15
32-inch, set and sharpened	9.00

Farmers' Favorite Cooker

DESCRIPTION

The top section or boiler, is made of heavy galvanized steel that will not rust, and is also provided with four heavy tinned malleable iron drop handles.

This sets down inside the lower section one inch, thus making it impossible for the boiler to slip to one side and tip over, as when on top of furnace.

The lower section of furnace is made with cast iron ends, and the center, or body, of heavy steel plate.

With this construction the entire surface of the boiler is exposed to the heat, thus making it a very quick heater.

No. 2. 30 Gallon.

Price, \$20.00



All Prices Subject to Change Without Notice



McKay Regular Tire Chains

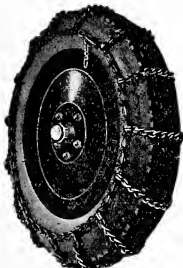
These chains are made to fit all sizes of tires used on pleasure cars.

Made from extremely strong lock chain link side chain, and uniformly hardened cross chains, McKay's give the utmost in wearing qualities.

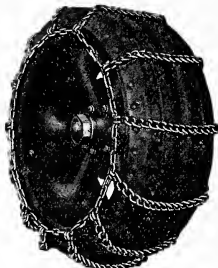
The McKay Fastener is easy to open and close. It forms a positive lock, connecting with the chain to prevent loosening.

Regular

A strong chain—hardened by our special process (Patented), giving unequaled wear and life. Smoothly welded, electrically, they are easy on the tire and give positive traction. The new improved fastener (Patented) insures ease in putting on and taking off.



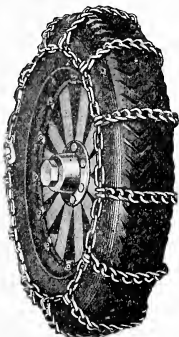
Pneumatic Truck



Dual Solid

McKay Dual Solid Truck Chains

Strong, well-made chains that will stand up under unusually heavy duty. So made that they fit closely and conform to the tire, eliminating unnecessary noise. Electrically welded cross chains of specially selected materials.



Every Fourth Link

McKay Husky Special Pneumatic Truck Chains

McKay Husky Specials are EXTRA HEAVY, and the side chains are electrically welded. Made throughout from a much heavier gauge material than regular pneumatic truck chains.

Particularly advantageous for heavy haulage in mud, sand and other conditions where the hauling is unusually heavy and is not on paved roads.

Made with cross chain in every fourth link of side chain.

This style is 15% to 50% heavier than regular pneumatic chains.

HISCO OILS

HISCO This is a motor oil of medium body univer-
Medium sally adapted for general automobile use,
Auto will give good compression and wearing
Oil qualities, and is free from carbon.

HISCO This oil is of heavy body, superior for cars
Heavy or trucks which have been in use for some
Auto time, and will greatly increase the compression and effective work of the engine. This
Oil oil is fine lubricator and economical in use.

Excellence This is also an Underhay Special and can-
Medium not be too highly recommended by us. It
Auto is from Appalachian crude, carefully filtered,
Oil with high wearing qualities, low cold test, and once used customer will have no other quality.

HISCO This oil if for cream separator use, and is
Amber very light in body to meet the conditions
Separator of a separator.
Oil

HISCO This is a lubricating oil of good body, free
Red from gum or sediment, of proper quality to
Engine lubricate general engine or shafting bearings, mowing machines and all other farming
Oil tools.

HISCO This is an amber oil, light in body, especially
Paraffine for use in laying dust on floors, very light
Oil lubrication, or for any other use where an oil of light body and low price is needed.

Cup This is a superior yellow Cup Grease, medi-
Grease um in consistency, for use in cups on the engine, spring ends, and elsewhere about the automobile and truck, also for any engine room use where a grease is needed in a compression cup.

All Prices Subject to Market Changes

Richland Tires Fill Every Need for Pneumatic Equipment-



BALANCE Perfect balance—accounts mainly for the superb performance of Richland Double Duties on today's new cars—Every ounce of tire weight is exactly countered; every unit of the tread is equally offset—Thus the tires roll smoothly, pick up speed quickly, are instantly responsive to the driver's need—Richland Double Duty Balloons are made from the best materials the market offers—They have the extra margin of strength to meet emergencies—They possess endurance, stamina, dependability—Fine tires in every sense of the word, they perform brilliantly, serve long and faithfully—Their graceful line and balanced design add beauty to the most distinguished cars.

RICHLAND is one manufacturer that does not sell its product on the basis of a single feature of construction. It is the Richland belief that the car owner looks beyond special features to mileage—the real index of tire value. A tire is no better than its weakest part. Richland tires are built with parts of balanced strength, so the finished product faithfully serves the car owner, delivering generous mileage beyond normal expectation.

Richland Double Duty—Extra Heavy Tubes



RICHLAND HEAVY DUTY
6-Ply



RICHLAND BALLOON
4-Ply

In These Two First Quality Richland Tires Is Mileage— Plainly Evident and Fairly Priced

Six-ply safety and 4-ply comfort are expertly combined in these Richland Heavy Duty tires. Their suppleness protects the car from roadway shocks. Their stout carcasses secure the driver from danger and delay. The deep non-skid of their tread design enables these tires to brake securely. Yet they roll freely, steer easily, accelerate rapidly, cling to the pavement on short sharp turns. Ever since Richland tires were put on the market ten years ago, their makers have put an extra measure of value into the product. Never was this policy more evident than in the Richland Heavy Duty Balloon.

Ever since the early days of low pressure tires, Richland Balloons have been distinguished for smart design and sturdy structure. Richland achieved this combination by using the perfectly balanced hexagon tread on a carcass of selected materials, obtaining at the same time the flexibility so necessary for riding comfort. Richland acceptance with the motoring public has steadily grown, expanding equally in districts where travel follows the pavement and in localities where conditions of tire service are trying and severe. Richland dealers will tell you that for style, stamina, riding comfort, they will match Richland Balloons against the field.

Size	4-Ply Balloon Casings	Extra Heavy Guy Tubes	Size	4-Ply Balloon Casings	Extra Heavy Guy Tubes
4.40-21"—29x4.40	\$5.35	\$1.75	5.25-20"—30x5.25	\$8.90	\$2.30
4.50-20"—29x4.50	6.00	1.80	5.25-21"—31x5.25	9.20	2.35
4.50-21"—30x4.50	6.10	1.85	5.50-18"—28x5.50	9.40	2.50
4.75-19"—28x4.75	7.15	1.90	5.50-19"—29x5.50	9.55	2.60
4.75-20"—29x4.75	7.25	1.95	5.50-20"—30x5.50	9.65	2.70
5.00-19"—29x5.00	7.50	2.00	6.00-18"—30x6.00	11.50	2.60
5.00-20"—30x5.00	7.65	2.05	6.00-19"—31x6.00	11.80	2.65
5.25-18"—28x5.25	8.50	2.10	6.00-20"—32x6.00	12.20	2.75
5.25-19"—29x5.25	8.75	2.20	6.00-21"—33x6.00	12.55	2.90

Write for Complete Price List



Richland Heavy Duty Trucks

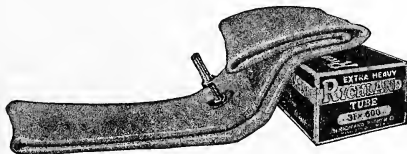
Richland Heavy Duty Cords are prime favorites with truck owners who watch tire cost-per-mile. The economical performance of these casings on commercial vehicles goes back directly to the Richland policy of having the pick of quality materials fashioned into the finished tire by expert workmen, according to advanced engineering principles. The carcasses of Richland Heavy Duty Cords are thus strong to stand the thrust of heavy weights, supple to protect the vehicle and the load. Truck owners who are compelled to avoid costly tie-ups of men and vehicles, stick close to these big, tough Richland Heavy Duty Cords.

Richland Extra Heavy Tubes

Richland tubes are tire shape tubes, built by a special process so the tube wall is everywhere of equal thickness. The life of the tube is thus prolonged. Driving is made safer and freer from trouble. Richland tubes are silver gray—with steam vulcanized splices, double reinforced valve bases. Balloon sizes are made in Extra Heavy and Standard weights.

Richland Heavy Car Type Cords

Richland Heavy Car Type Cords are prime favorites with experienced tire buyers. They are extra size. Their tough treads last long and wear evenly. Dealers who have handled this line for years will tell you that for mileage, for appearance, for value, this high pressure tire is without equal.





HASKELL IMPLEMENT AND SEED CO.

LEWISTON MAINE



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SHARPLES CREAM SEPARATOR

ABC SPINNER

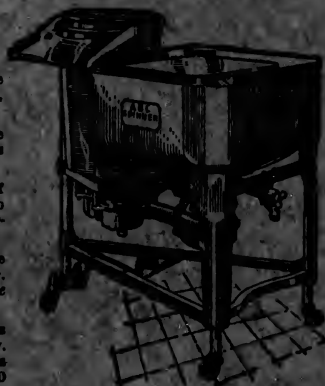
The ABC SPINNER leads the world in washing efficiency. At the snap of a switch it WASHES, REMOVES SUDS, RINSES, BLURS, STARCHES and DAMP-DRIES for the line.

Clothes are washed cleaner than ever before and ready for the line in half the time. Bulky blankets, grimy garments or the finest fabrics are washed with amazing speed and thoroughness.

It's new modern no-wringer spinner handles a whole tubful of clothes, while another is being washed. It brings new kindness to clothes drying. No broken buttons, hard to iron creases or torn garments.

Beautiful two-tone porcelain tubs—inside and out—clean like chinaware and keep their lustrous beauty and brightness forever. Smoother than any metal; it positively prevents clothes friction—the greatest cause of clothes wear.

Investigate this modern miracle washer. No other machine does every washing operation so completely, automatically or efficiently. Yet the price is remarkably low. You get all these modern features at no added cost. Price \$163.00



ABC PLAYMAYD

The ABC PLAYMAYD—a quality washer at a remarkable low price. Due to mass manufacturing methods it sells for the lowest price ever asked for a washer of the famous ABC quality.

Its oversize, polished aluminum agitator produces the fastest and greatest washing action known. Handles the balkiest pieces or the daintiest lingerie. Washes clean without clothes wear.

Easily cleaned Porcelain tub—inside and out—beautiful, lustrous and everlasting. Easy to operate, compact, big capacity. All mechanism works in oil in leak-proof case—safe from tiny fingers and clothing.

Never before has anyone offered so fine a washer at such a low price. Price \$99.50

A B C PORCELAIN WASHERS



ABC COMPANION

The ABC COMPANION is the most highly perfected washer ever designed for unwired homes. No one can own a more beautiful, longer lasting or faster washer—yet it costs no more than the ordinary kind.

Tub of ABC porcelain—fused on steel. Hard, non-porous, everlasting—keeps its lustrous beauty forever. Prevents clothes friction and wear. Big oversize ABC agitator gives amazing speed and thoroughness. Now heaviest garments or daintiest fabrics are washed to a snowy whiteness—faster, cleaner and gentler than ever before.

16-Position ABC swinging wringer. Self adjusting big cushion rolls dry clothes evenly without breaking buttons or injury to finest fabrics.

Famous 4-cycle gas motor, same principle as used in finest automobiles. Starts at press of foot lever. Saves on fuel and delivers more power than any other type. Years of steady, care-free service.

Investigate the ABC. Let this new, marvelous machine banish wash day drudgery forever. Price \$163.50

